

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	3473	(549/438 or 549/466 or 558/392 or 514/463 or 514/468 or 514/521 or 514/617 or 514/622).ccls.	US-PGPUB; USPAT	OR	ON	2008/01/26 13:47
L2	52	l1 and aminoacetonitrile	US-PGPUB; USPAT	OR	ON	2008/01/26 13:48

=> d his

(FILE 'HOME' ENTERED AT 12:44:09 ON 26 JAN 2008)

FILE 'REGISTRY' ENTERED AT 12:44:25 ON 26 JAN 2008

L1 STRUCTURE UPLOADED

L2 21 S L1

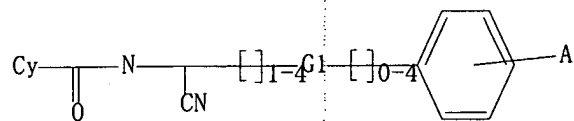
L3 403 S L1 FULL

FILE 'CAPLUS' ENTERED AT 12:45:02 ON 26 JAN 2008

L4 29 S L3

=> d que l4 stat

L1 STR



G1 O, S, N

Structure attributes must be viewed using STN Express query preparation.

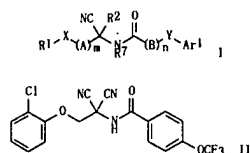
L3 403 SEA FILE=REGISTRY SSS FUL L1

L4 29 SEA FILE=CAPLUS ABB=ON PLU=ON L3

=> d 1-29 bib abs hitstr

L4 ANSWER 1 OF 29 CAPLUS COPYRIGHT 2008 ACS ON STN (Continued)
 AN 2007:174094 CAPLUS
 DN 146:251611
 TI Preparation of amidonitrile compounds as parasiticides
 IN Ducray, Pierre; Fruechtel, Joerg; Gauvry, Noelle; Schorderet Weber, Sandra
 PA Novartis AG, Switz.; Novartis Pharma GmbH
 SO PCT Int. Appl., 53pp.
 COVEN: PIXXD2
 DT Patent
 LA English
 FAN, CNT 1

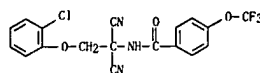
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2007017088	A1	20070215	WO 2006-EP7259	20060724
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, NP, NZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW			
RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TW			
PRAI EP 2005-16071	A	20050725		
OS MARPAT 146:251611				
GI				



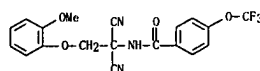
AB Title Comps. Represented By The Formula I [Wherein R1 = H, alkyl, (un)substituted aryl, etc.; R2 = CN, CONR89 or CO2R8; A = CH3R4; B = CHSR6; R3-R9 = independently H, (cyclo)alkyl, alkenyl or alkynyl; Ar1 = (un)substituted (hetero)aryl; and their enantiomers or salts thereof] were prepared as parasiticides. For example, amidation of aminomalononitrile p-toluenesulfonate with 4-(trifluoromethoxy)benzoyl chloride, and followed by substitution with 1-chloro-2-chloromethoxybenzene gave II. II showed more than 80% control rate at 32 mg/kg p.o. on T. colubriformis and H. contortus. I have advantageous pesticidal properties for the control of parasites in and on warm-blooded animals.

IT 925680-14-4P, N-[2-(2-chlorophenoxy)-1,1-dicyanoethyl]-4-trifluoromethoxybenzamide 925680-15-5P, N-[1,1-dicyano-2-(2-methoxyphenoxy)ethyl]-4-trifluoromethoxybenzamide 925680-16-6P,

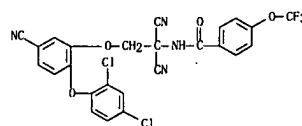
L4 ANSWER 1 OF 29 CAPLUS COPYRIGHT 2008 ACS ON STN (Continued)
 N-[1,1-dicyano-2-(5-cyano-2-(2,4-dichlorophenoxy)phenoxy)ethyl]-4-trifluoromethoxybenzamide 925680-17-7P, N-[2-(4-chlorophenoxy)-1,1-dicyanoethyl]-4-trifluoromethoxybenzamide
 RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (prepn. of amidonitrile compds. as parasiticides)
 RN 925680-14-4 CAPLUS
 CN Benzamide, N-[2-(2-chlorophenoxy)-1,1-dicyanoethyl]-4-(trifluoromethoxy)-(CA INDEX NAME)



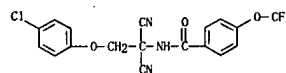
RN 925680-15-5 CAPLUS
 CN Benzamide, N-[1,1-dicyano-2-(2-methoxyphenoxy)ethyl]-4-(trifluoromethoxy)-(CA INDEX NAME)



RN 925680-16-6 CAPLUS
 CN Benzamide, N-[1,1-dicyano-2-(5-cyano-2-(2,4-dichlorophenoxy)phenoxy)ethyl]-4-(trifluoromethoxy)-(CA INDEX NAME)



RN 925680-17-7 CAPLUS
 CN Benzamide, N-[2-(4-chlorophenoxy)-1,1-dicyanoethyl]-4-(trifluoromethoxy)-(CA INDEX NAME)

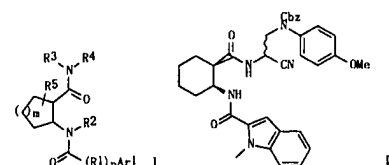


RE, CNT 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD

L4 ANSWER 1 OF 29 CAPLUS COPYRIGHT 2008 ACS ON STN (Continued)
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 29 CAPLUS COPYRIGHT 2008 ACS ON STN
 AN 2007:150949 CAPLUS
 DN 146:229179
 TI Preparation of (hetero)arylcarbonylaminocycloalkylcarboxamides as cathepsin K inhibitors.
 IN Bomberg, Joe Timothy; Gabriel, Tobias
 PA F. Hoffmann-La Roche AG, Switz.
 SO PCT Int. Appl., 58pp.
 COVEN: PIXXD2
 DT Patent
 LA English
 FAN, CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2007014839	A2	20070208	WO 2006-EP64306	20060717
WO 2007014839	A3	20070426		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, NP, NZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW			
RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, MD, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA			
US 2007032484	A1	20070208	US 2006-493208	20060725
PRAI US 2005-702937P	P	20050727		
OS MARPAT 146:229179				
GI				

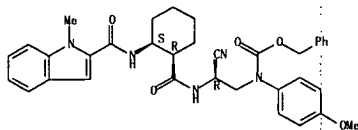


AB Title comps. [I: m = 1-3; n = 0, 1; Ar1 = (bi)aryl, heteroaryl; R1 = alkylene; R2, R3, R5 = H, alkyl; R4 = aralkyl, cycloalkyl, heterocyclyl, heteroaralkyl, etc.], were prepared for treatment of osteoporosis, tumor metastasis, unstable angina, and plaque rupture (no data). Thus, title compound (II) was prepared in 81% yield as a separable mixture of isomers via coupling of the corresponding acid and amine in DMF using EDCI hydrochloride, HOBT, and N-methylmorpholine.

IT 924298-88-4P 924298-89-5P
 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (preparation of (hetero)arylcarbonylaminocycloalkylcarboxamides as cathepsin K inhibitors)
 RN 924298-88-4 CAPLUS
 CN Carbamic acid, N-[(2R)-2-cyano-2-[[[(1R,2S)-2-[[[(1-methyl-1H-indol-2-yl)carbonyl]amino]cyclohexyl]carbonyl]amino]ethyl]-N-(4-methoxyphenyl)]-

L4 ANSWER 2 OF 29 CAPLUS COPYRIGHT 2008 ACS ON STN (Continued)
phenylmethyl ester (CA INDEX NAME)

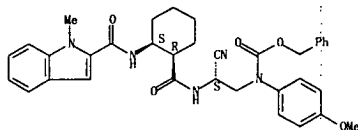
Absolute stereochemistry.



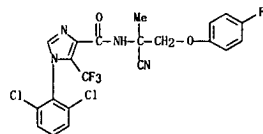
RN 924298-89-5 CAPLUS

CN Carbamic acid, N-[(2S)-2-cyano-2-[[[(1R,2S)-2-[[[(1-methyl-1H-indol-2-yl)carbonyl]amino]cyclohexyl]carbonyl]amino]ethyl]-N-(4-methoxyphenyl)-, phenylmethyl ester (CA INDEX NAME)

Absolute stereochemistry.



L4 ANSWER 3 OF 29 CAPLUS COPYRIGHT 2008 ACS ON STN (Continued)



L4 ANSWER 3 OF 29 CAPLUS COPYRIGHT 2008 ACS ON STN

AN 2006:912437 CAPLUS

DN 145:314991

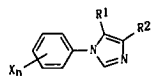
TI Preparation of 1-phenylimidazole derivatives as herbicides
IN Uchida, Atsushi; Yokota, Wakako; Hirai, Kenji; Okamura, Mitsuyasu; Kondo, Satoru
PA Sagami Chemical Research Center, Japan; Tosoh Corp.; Hokko Chemical Industry Co., Ltd.
S0 Jpn. Kokai Tokkyo Koho, 65pp.
CODEN: JXXXXF

DT Patent

LA Japanese

FAN. CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2006232824	A	20060907	JP 2006-18326	20060127
PRAI	JP 2005-19042	A	20050127		
OS	MARPAT 145:314991				
GI					



AB The title compds., i.e. 1-phenylimidazole-4-carboxylic acid, 1-phenylimidazole-4-carboxamide, and 1-phenylimidazole-4-carbonitrile [I: R1 = C1-6 fluoroalkyl; R2 = (un)substituted CONH2, CO2H, cyano; X = H, halo, C1-6 alkyl, C1-6 haloalkyl, C1-6 alkoxy, C1-6 haloalkoxy, phenyloxy, C1-6 alkylthio, C1-6 haloalkylthio, C1-6 alkylsulfanyl, C1-6 haloalkylsulfanyl, C1-6 alkylsulfonyl, C1-6 haloalkylsulfonyl, NH2, mono- or di(C1-6 alkyl)amino, C1-6 acylamino, C1-6 alkylsulfonylamino, HO, SH, CO2H, cyano, NO2; n = an integer of 1-5; provided that when n is 2-5, X is same or different] are prepared. These compds. possess very potent controlling effect against harmful weeds in agricultural, horticultural, or nonagricultural fields. Thus, a solution of 1.0 g 1-(2,6-Dichlorophenyl)-5-(trifluoromethyl)imidazole-4-carboxylic acid Et ester in 7 mL methanol was treated with 1 mL 40% aqueous methylamine solution and stirred at room temperature for 15 h to give 72.6% N-methyl-1-(2,6-Dichlorophenyl)-5-(trifluoromethyl)imidazole-4-carboxamide (II). II at 1.2 kg/ha (preemergence) controlled 98% Echinochloa crus-galli, 80% Monochoria vaginalis, 85% Lindernia pyxidaria, and 20% Scirpus juncoides and gave no damage to rice seedlings.

IT 908605-37-8P. N-[1-Cyano-1-methyl-2-(4-fluorophenoxy)ethyl]-1-(2,6-dichlorophenyl)-5-(trifluoromethyl)imidazole-4-carboxamide
RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(Herbicide which comprises imidazole derivs., manufacturing methods)

RN 908605-37-8 CAPLUS

CN 1H-Imidazole-4-carboxamide, N-[1-cyano-2-(4-fluorophenoxy)-1-methylethyl]-1-(2,6-dichlorophenyl)-5-(trifluoromethyl)- (CA INDEX NAME)

L4 ANSWER 4 OF 29 CAPLUS COPYRIGHT 2008 ACS ON STN

AN 2006:763022 CAPLUS

DN 145:211036

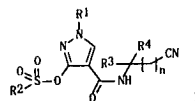
TI Preparation of N-cyanoalkyl-3-(alkylsulfonyloxy)-1H-pyrazole-4-carboxamides as insecticides and acaricides
IN Kawauchi, Shinichiro; Yamada, Osamu; Tokumura, Jun; Ono, Ryuta; Nagaoka, Maho; Hirai, Kenji
PA Kaken Pharmaceutical Co., Ltd., Japan; Sagami Chemical Research Center
S0 Jpn. Kokai Tokkyo Koho, 24 pp.
CODEN: JXXXXF

DT Patent

LA Japanese

FAN. CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2006199637	A	20060803	JP 2005-13968	20050121
PRAI	JP 2005-13968		20050121		
OS	MARPAT 145:211036				
GI					



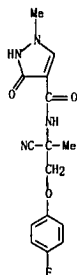
AB Insecticides or acaricides containing the title compds. [I: R1 = C1-12 alkyl; R2 = each (un)substituted C1-6 alkyl or Ph; R3, R4 = H, each (un)substituted C1-12 alkyl or C3-8 cycloalkyl; or R3 and R4 are bonded together to form C3-8 cycloalkyl; n = 0-5; R5 = H, C1-6 alkyl, halo] as the active ingredients are disclosed. These compds. show high activity against insects or mites resistant to existing agrochem. or horticultural insecticides or acaricides and are highly safe against beneficial organisms. scene. Thus, 3-ethoxycarbonyloxy-1-methylpyrazole-4-ylcarbonyl Et carbonate was stirred with 2-amino-2-ethylbutanenitrile in MeCN at 0° for 30 min to give crude N-(1-cyano-1-ethylpropyl)-3-hydroxy-1-methylpyrazole-4-carboxamide which was stirred with methanesulfonyl chloride and K2CO3 in MeCN at 60° for 12 h to give 37.8% N-(1-cyano-1-ethylpropyl)-1-methyl-3-methylsulfonyloxy-pyrazole-4-carboxamide. N-(1-cyano-1-methylbutyl)-1-methyl-3-methylsulfonyloxy-pyrazole-4-carboxamide at 125 ppm controlled larva of Nephrotettix cinicipes on rice seedlings by 100%.

IT 904692-89-3P. N-[1-Cyano-1-methyl-2-(4-fluorophenoxy)ethyl]-3-hydroxy-1-methylpyrazole-4-carboxamide 904692-90-6P.
N-[1-Cyano-1-methyl-2-(4-trifluoromethylphenoxy)ethyl]-3-hydroxy-1-methylpyrazole-4-carboxamide
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(intermediate: preparation of N-cyanoalkyl-3-(alkylsulfonyloxy)-1H-pyrazole-4-carboxamides as insecticides and acaricides)

RN 904692-89-3 CAPLUS

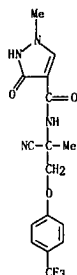
CN 1H-Pyrazole-4-carboxamide, N-[1-cyano-2-(4-fluorophenoxy)-1-methylethyl]-2,3-dihydro-1-methyl-3-oxo- (CA INDEX NAME)

L4 ANSWER 4 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



RN 904692-90-6 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[1-cyano-1-methyl-2-[(4-(trifluoromethyl)phenoxy)ethyl]-2,3-dihydro-1-methyl-3-oxo- (CA INDEX NAME)



IT 904692-93-9P, N-[1-Cyano-1-methyl-2-[(4-fluorophenoxy)ethyl]-1-methyl-3-[(methylsulfonyl)oxy]pyrazole-4-carboxamide 904692-94-OP, N-[1-Cyano-1-methyl-2-[(4-trifluoromethylphenoxy)ethyl]-1-methyl-3-[(methylsulfonyl)oxy]pyrazole-4-carboxamide
 RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)

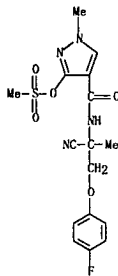
L4 ANSWER 4 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

L4 ANSWER 4 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

(prepn. of N-cyanoalkyl-3-alkylsulfonyloxy)-1H-pyrazole-4-carboxamides as insecticides and acaricides)

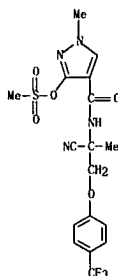
RN 904692-93-9 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[1-cyano-2-(4-fluorophenoxy)-1-methylethyl]-1-methyl-3-[(methylsulfonyl)oxy]- (CA INDEX NAME)



RN 904692-94-0 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[1-cyano-1-methyl-2-[(4-(trifluoromethyl)phenoxy)ethyl]-1-methyl-3-[(methylsulfonyl)oxy]- (CA INDEX NAME)



L4 ANSWER 5 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN

AN 2006:469873 CAPLUS

DN 144:488414

TI Chromatographic resolution process for the preparation of enantiomers of benzamidoacetonitriles from their racemates using chiral chromatographic stationary phases

IN Ducray, Pierre; Gauvry, Noelle; Goebel, Thomas; Pautrat, Francois

PA Novartis AG, Switz.: Novartis Pharma GmbH

SO PCT Int. Appl., 19 pp.

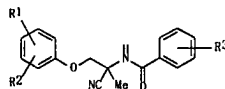
CODEN: PIXXD2

DT Patent

LA English

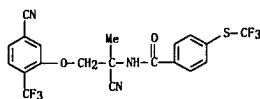
FAN. CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2006050887	A1	20060518	WO 2005-EP11884	20051107
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SV, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
AU 2005303993	A1	20060518	AU 2005-303993	20051107
CA 2580247	A1	20060518	CA 2005-2580247	20051107
EP 1812385	A1	20070801	EP 2005-803815	20051107
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GR, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR				
CN 101056849	A	20071017	CN 2005-80038335	20051107
IN 2007UN02205	A	20070803	IN 2007-UN2205	20070321
KR 2007084061	A	20070824	KR 2007-710431	20070508
EP 2004-26510	A	20041109		
PRA1 WO 2005-EP11884	W	20051107		
OS MARPAT 144:488414				
G1				



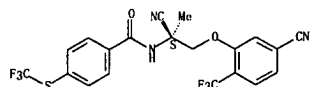
AB Pure enantiomers of benzamidoacetonitriles [1: R1-R3 = hydrogen, halogen, nitro, cyano, (un)substituted alkyl, (un)substituted alkoxy, (un)substituted alkenyl, (un)substituted alkynyl, (un)substituted alkenyloxy, (un)substituted alkylthio, (un)substituted alkylsulfonyloxy, (un)substituted alkylsulfinyl, etc.: e.g., (-)-(S)-N-[1-cyano-2-(5-cyano-2-trifluoromethylphenoxy)-1-methylethyl]-4-trifluoromethylsulfonylbenzamide] are prepared by the chromatog. of alic. solns. (e.g., MeOH-EtOH mixts.) of the 1 racemates [e.g., N-[1-cyano-2-(5-cyano-2-trifluoromethylphenoxy)-1-methylethyl]-4-trifluoromethylsulfonylbenzamide] using chiral chromatog. stationary phases (e.g., Chiralpak polysaccharide), followed by the epimerization of the unwanted enantiomer [e.g., (+)-(R)-N-[1-cyano-2-(5-cyano-2-trifluoromethylphenoxy)-1-methylethyl]-4-trifluoromethylsulfonylbenzamide] into the 1 racemate by heating an aqueous

L4 ANSWER 5 OF 29 CAPLUS COPYRIGHT 2008 ACS ON STN (Continued)
 1,4-dioxane soln. of it with NaCN, followed by chromatog. re-resoln.
 IT 851976-50-6P
 RL: PEP (Physical, engineering or chemical process): PYP (Physical process): SPN (Synthetic preparation): PREP (Preparation): PROC (Process) (chromatog. resolution process for the preparation of enantiomers of benzamidoacetonitriles from their racemates using chiral chromatog.)
 RN 851976-50-6 CAPLUS
 CN Benzamide, N-[(1S)-1-cyano-2-[5-cyano-2-(trifluoromethyl)phenoxy]-1-methylethyl]-4-[(trifluoromethyl)thio]- (CA INDEX NAME)



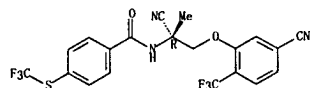
IT 887148-69-8P
 RL: PUR (Purification or recovery): PREP (Preparation) (chromatog. resolution process for the preparation of enantiomers of benzamidoacetonitriles from their racemates using chiral chromatog.)
 RN 887148-69-8 CAPLUS
 CN Benzamide, N-[(1S)-1-cyano-2-[5-cyano-2-(trifluoromethyl)phenoxy]-1-methylethyl]-4-[(trifluoromethyl)thio]- (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).



IT 887148-70-1P
 RL: PUR (Purification or recovery): RCT (Reactant): PREP (Preparation): RACT (Reactant or reagent) (resolution and epimerization of)
 RN 887148-70-1 CAPLUS
 CN Benzamide, N-[(1R)-1-cyano-2-[5-cyano-2-(trifluoromethyl)phenoxy]-1-methylethyl]-4-[(trifluoromethyl)thio]- (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).



RE. CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 6 OF 29 CAPLUS COPYRIGHT 2008 ACS ON STN
 AN 2006:380908 CAPLUS
 DN 144:432561

TI Preparation of acetonitrile moiety-containing phenylacetamides and benzamides as pest control agents and methods of using them
 IN Andoh, Nobuharu; Sanpei, Osamu; Sakata, Kazuyuki
 PA Nihon Nohyaku Co., Ltd., Japan
 SO PCT Int. Appl., 148 pp.
 CODEN: PIXXD2

DT Patent

LA Japanese

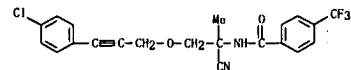
FAN. CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2006043654	A1	20060427	WO 2005-JP19375	20051021
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GR, HU, ID, IL, IN, IS, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MY, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
JP 2006117603	A	20060511	JP 2004-308668	20041022
JP 2006117604	A	20060511	JP 2004-308673	20041022
JP 2006117605	A	20060511	JP 2004-308675	20041022
PRA1 JP 2004-308668	A	20041022		
JP 2004-308673	A	20041022		
JP 2004-308675	A	20041022		

OS MARPAT 144:432561

AB The title compds. AC(CN)(R)B [A = Q1CONR1, etc.; Q1 = (un)substituted Ph, etc.; R1 = H, alkyl, haloalkyl, etc.; B = C(R3)(R4)NR5, etc.; R3, R4 = H, alkyl, haloalkyl, etc.; R5 = alkyl, haloalkyl, cycloalkyl, etc.; W = O, S, SO, etc.; R = H, alkyl, haloalkyl, cycloalkyl, etc.] are prepared. Methods of using the title compds. are also claimed. Thus, N-(1-cyano-1-methyl-2-octylthioethyl)-4-chlorophenylacetamide was prepared in 3 steps from chloroacetone and 1-octanethiol. Compds. of this invention at 1000 ppm gave $\geq 90\%$ to 99% kill of Spodoptera litura.
 IT 885026-33-5P 885027-26-9P
 RL: AGR (Agricultural use): BSU (Biological study, unclassified): SPN (Synthetic preparation): BIOL (Biological study): PREP (Preparation): USES (Uses) (preparation of acetonitrile moiety-containing phenylacetamides and benzamides as pest control agents)

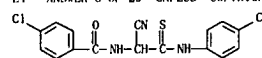
RN 885026-33-5 CAPLUS
 CN Benzamide, N-[2-[[3-(4-chlorophenyl)-2-propynyl]oxy]-1-cyano-1-methylethyl]-4-(trifluoromethyl)- (9C1) (CA INDEX NAME)



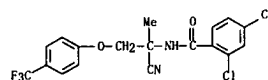
RN 885027-26-9 CAPLUS
 CN Benzamide, 4-chloro-N-[2-[(4-chlorophenyl)amino]-1-cyano-2-thioethyl]- (CA INDEX NAME)

L4 ANSWER 5 OF 29 CAPLUS COPYRIGHT 2008 ACS ON STN (Continued)

L4 ANSWER 6 OF 29 CAPLUS COPYRIGHT 2008 ACS ON STN (Continued)



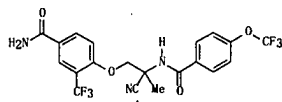
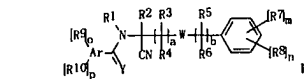
IT 247199-37-7
 RL: RCT (Reactant): RACT (Reactant or reagent) (preparation of acetonitrile moiety-containing phenylacetamides and benzamides as pest control agents)
 RN 247199-37-7 CAPLUS
 CN Benzamide, 2,4-dichloro-N-[1-cyano-1-methyl-2-[(4-chlorophenyl)amino]-1-methylethyl]-4-(trifluoromethyl)phenoxyethyl]- (CA INDEX NAME)



RE. CNT 19 THERE ARE 19 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

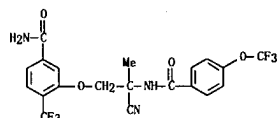
L4 ANSWER 7 OF 29 CAPLUS COPYRIGHT 2008 ACS ON STN (Continued)
 AN 2005:1331229 CAPLUS
 DN 144:69626
 TI Preparation of aminoacetonitrile derivatives for controlling parasites on warm-blooded animals
 IN Gauvry, Noelle; Ducray, Pierre; Goebel, Thomas; Kaminsky, Ronald
 PA Novartis A.-G., Switz.: Novartis Pharma G.m.b.H.
 SO PCT Int. Appl., 95 pp.
 COEN: PIXXD2
 DT Patent
 LA English
 FAN. CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2005121075	A1	20051222	WO 2005-EP6207	20050609
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SV, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2005251917	A1	20051222	AU 2005-251917	20050609
EP 1758849	A1	20070307	EP 2005-751761	20050609
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR				
JP 2008501761	T	20080124	JP 2007-526305	20050609
PRAI EP 2004-13690	A	20040610		
WO 2005-EP6207	W	20050609		
OS CASREACT 144:69626; MARPAT 144:69626				
GI				

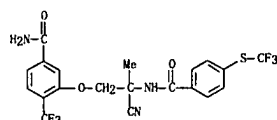


AB The title compds. I (Ar = (un)substituted (hetero)aryl; R1 = H, alkyl, haloalkyl, etc.; R2-R6 = H, halo, (un)substituted alkyl, etc.; or R2 and R3 are together alkylene; R7, R10 = NH2, OH, SH, etc.; R8 = halo, NO2, CN,

L4 ANSWER 7 OF 29 CAPLUS COPYRIGHT 2008 ACS ON STN (Continued)
 (trifluoromethyl)- (CA INDEX NAME)

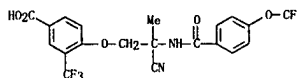


RN 871795-89-0 CAPLUS
 CN Benzamide, 3-[2-cyano-2-[[4-[(trifluoromethylthio)benzoyl]amino]propoxy]-4-(trifluoromethyl)- (CA INDEX NAME)

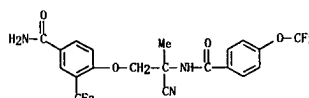


RE. CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE. FORMAT

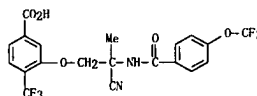
L4 ANSWER 7 OF 29 CAPLUS COPYRIGHT 2008 ACS ON STN (Continued)
 etc.; R9 = halo, NO2, CN, etc.; a = 1-4; b = 0-4; m, n, o, p = 0-5; W = 0, S, SO2, etc.; Y = O, S, NH (R11 = alkyl, (un)substituted Ph); with the proviso that m and p are not equal to 0 at the same time) which have advantageous pesticidal properties and are particularly suitable for controlling parasites in warm-blooded animals, were prepd. and formulated. E.g., a multi-step synthesis of II, starting from 4-fluoro-3-trifluoromethylbenzonitrile, was given. Compd. II reduced the no. of nematode worms by more than 95% in vivo test against Trichostrongylus colubriformis and Haemonchus contortus in Mongolian gerbils by peroral administration.
 IT 871795-81-2P 871795-83-4P 871795-85-6P
 871795-87-8P 871795-89-0P
 RL: AGR (Agricultural use); BSU (Biological study, unclassified); PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (preparation of aminoacetonitrile derivs. for controlling parasites on warm-blooded animals)
 RN 871795-81-2 CAPLUS
 CN Benzamide, 4-[2-cyano-2-[[4-(trifluoromethoxy)benzoyl]amino]propoxy]-3-(trifluoromethyl)- (CA INDEX NAME)



RN 871795-83-4 CAPLUS
 CN Benzamide, 4-[2-cyano-2-[[4-(trifluoromethoxy)benzoyl]amino]propoxy]-3-(trifluoromethyl)- (CA INDEX NAME)



RN 871795-85-6 CAPLUS
 CN Benzoic acid, 3-[2-cyano-2-[[4-(trifluoromethoxy)benzoyl]amino]propoxy]-4-(trifluoromethyl)- (CA INDEX NAME)



RN 871795-87-8 CAPLUS
 CN Benzamide, 3-[2-cyano-2-[[4-(trifluoromethoxy)benzoyl]amino]propoxy]-4-

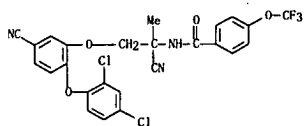
L4 ANSWER 8 OF 29 CAPLUS COPYRIGHT 2008 ACS ON STN
 AN 2005:564630 CAPLUS
 DN 143:97169
 TI A preparation of N-(phenoxyethyl)benzamide derivatives, useful as insecticides
 IN Goebel, Thomas; Gauvry, Noelle; Ducray, Pierre
 PA Novartis A.-G., Switz.: Novartis Pharma G.m.b.H.
 SO PCT Int. Appl., 47 pp.
 COEN: PIXXD2
 DT Patent
 LA English
 FAN. CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2005058802	A1	20050630	WO 2004-EP14046	20041209
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SV, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2004299229	A1	20050630	AU 2004-299229	20041209
CA 2547542	A1	20050630	CA 2004-2547542	20041209
EP 1706373	A1	20061004	EP 2004-803700	20041209
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK, IS				
CN 1890209	A	20070103	CN 2004-80036940	20041209
BR 2004017548	A	20070327	BR 2004-17548	20041209
JP 2007513911	T	20070531	JP 2006-543481	20041209
MX 2006PA06625	A	20060731	MX 2006-PA6625	20060609
US 2007037881	A1	20070215	US 2006-581463	20060717
PRAI EP 2003-28342	A	20031210		
WO 2004-EP14046	W	20041209		
OS CASREACT 143:97169; MARPAT 143:97169				
GI				

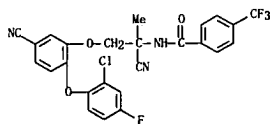
* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB The invention relates to a preparation of N-(phenoxyethyl)benzamide derivs. of formula I [wherein: R is halogen, alkyl, haloalkyl, or alkoxyalkyl, etc.; X is a single bond, O, S, S(O), or SO2; R1 is (CN)-4; R2 is (X)-5; X1 is CN, halogen, (halo)alkyl, or alkylthio, etc.], useful as insecticides. For instance, N-(phenoxyethyl)benzamide derivative II was prepared via amination of 4-trifluoromethoxybenzoyl chloride with amine III. In vivo tests on trichostrongylus colubriformis and haemonchus contortus on mongolian gerbils showed that preferred invention compds. sharply reduced nematode infestation (for instance, compound II completely eliminated nematode infestation at a dose of 16 mg/kg).
 IT 856675-47-3P 856675-48-4P 856675-49-5P
 856675-50-8P 856675-51-9P 856675-52-0P
 856675-53-1P 856675-54-2P 856675-55-3P
 856675-56-4P 856675-57-5P 856675-58-6P
 856675-59-7P 856675-60-0P 856675-61-1P
 856675-62-2P 856675-63-3P 856675-64-4P
 RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)

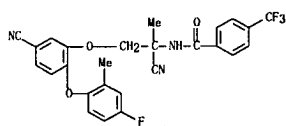
L4 ANSWER 8 OF 29 CAPLUS COPYRIGHT 2008 ACS ON STN (Continued)
 (prepn. of N-(phenoxyethyl)benzamide deriva. useful as insecticides)
 RN 856675-47-3 CAPLUS
 CN Benzamide, N-[1-cyano-2-[5-cyano-2-(2,4-dichlorophenoxy)phenoxy]-1-methylethyl]-4-(trifluoromethoxy)- (CA INDEX NAME)



RN 856675-48-4 CAPLUS
 CN Benzamide, N-[2-[2-(2-chloro-4-fluorophenoxy)-5-cyanophenoxy]-1-cyano-1-methylethyl]-4-(trifluoromethoxy)- (CA INDEX NAME)



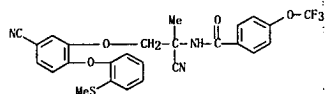
RN 856675-49-5 CAPLUS
 CN Benzamide, N-[1-cyano-2-[5-cyano-2-(4-fluoro-2-methylphenoxy)phenoxy]-1-methylethyl]-4-(trifluoromethoxy)- (CA INDEX NAME)



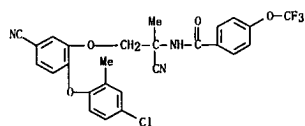
RN 856675-50-6 CAPLUS
 CN Benzamide, N-[2-[2-(2-chloro-4-fluorophenoxy)-5-cyanophenoxy]-1-cyano-1-methylethyl]-4-(trifluoromethoxy)- (CA INDEX NAME)



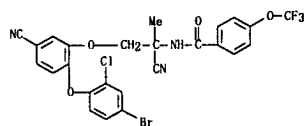
L4 ANSWER 8 OF 29 CAPLUS COPYRIGHT 2008 ACS ON STN (Continued)
 RN 856675-54-2 CAPLUS
 CN Benzamide, N-[1-cyano-2-[5-cyano-2-[2-(methylthio)phenoxy]phenoxy]-1-methylethyl]-4-(trifluoromethoxy)- (CA INDEX NAME)



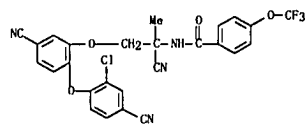
RN 856675-55-3 CAPLUS
 CN Benzamide, N-[2-[2-(4-chloro-2-methylphenoxy)-5-cyanophenoxy]-1-cyano-1-methylethyl]-4-(trifluoromethoxy)- (CA INDEX NAME)



RN 856675-56-4 CAPLUS
 CN Benzamide, N-[2-[2-(4-bromo-2-chlorophenoxy)-5-cyanophenoxy]-1-cyano-1-methylethyl]-4-(trifluoromethoxy)- (CA INDEX NAME)

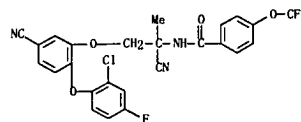


RN 856675-57-5 CAPLUS
 CN Benzamide, N-[2-[2-(2-chloro-4-cyanophenoxy)-5-cyanophenoxy]-1-cyano-1-methylethyl]-4-(trifluoromethoxy)- (CA INDEX NAME)

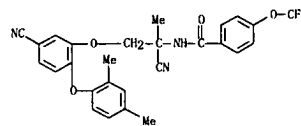


RN 856675-58-6 CAPLUS
 CN Benzamide, N-[2-[2-(4-chloro-2-fluorophenoxy)-5-cyanophenoxy]-1-cyano-1-

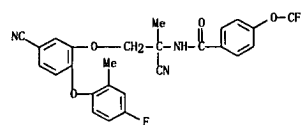
L4 ANSWER 8 OF 29 CAPLUS COPYRIGHT 2008 ACS ON STN (Continued)



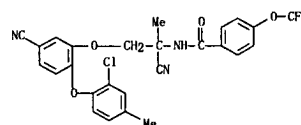
RN 856675-51-9 CAPLUS
 CN Benzamide, N-[1-cyano-2-[5-cyano-2-(2,4-dimethylphenoxy)phenoxy]-1-methylethyl]-4-(trifluoromethoxy)- (CA INDEX NAME)



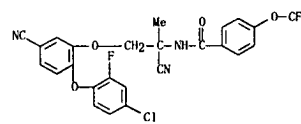
RN 856675-52-0 CAPLUS
 CN Benzamide, N-[1-cyano-2-[5-cyano-2-(4-fluoro-2-methylphenoxy)phenoxy]-1-methylethyl]-4-(trifluoromethoxy)- (CA INDEX NAME)



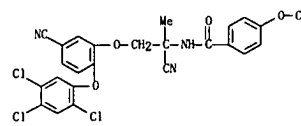
RN 856675-53-1 CAPLUS
 CN Benzamide, N-[2-[2-(2-chloro-4-methylphenoxy)-5-cyanophenoxy]-1-cyano-1-methylethyl]-4-(trifluoromethoxy)- (CA INDEX NAME)



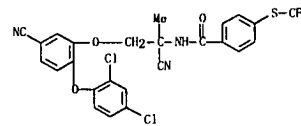
L4 ANSWER 8 OF 29 CAPLUS COPYRIGHT 2008 ACS ON STN (Continued)



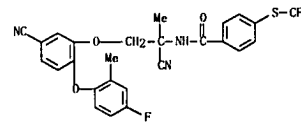
RN 856675-59-7 CAPLUS
 CN Benzamide, N-[1-cyano-2-[5-cyano-2-(2,4,5-trichlorophenoxy)phenoxy]-1-methylethyl]-4-(trifluoromethoxy)- (CA INDEX NAME)



RN 856675-60-0 CAPLUS
 CN Benzamide, N-[1-cyano-2-[5-cyano-2-(2,4-dichlorophenoxy)phenoxy]-1-methylethyl]-4-(trifluoromethylthio)- (CA INDEX NAME)

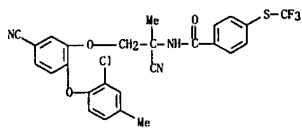


RN 856675-61-1 CAPLUS
 CN Benzamide, N-[1-cyano-2-[5-cyano-2-(4-fluoro-2-methylphenoxy)phenoxy]-1-methylethyl]-4-(trifluoromethylthio)- (CA INDEX NAME)

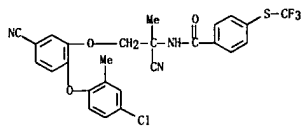


RN 856675-62-2 CAPLUS
 CN Benzamide, N-[2-[2-(2-chloro-4-methylphenoxy)-5-cyanophenoxy]-1-cyano-1-

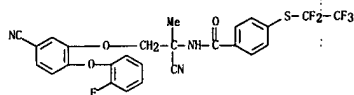
L4 ANSWER 8 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
methylene]-4-[(trifluoromethyl)thio]- (CA INDEX NAME)



RN 856675-63-3 CAPLUS
CN Benzamide, N-[2-(2-(4-chloro-2-methylphenoxy)-5-cyanophenoxy)-1-cyano-1-methylethyl]-4-[(trifluoromethyl)thio]- (CA INDEX NAME)



RN 856675-64-4 CAPLUS
CN Benzamide, N-[1-cyano-2-(5-cyano-2-(2-fluorophenoxy)phenoxy)-1-methylethyl]-4-[(pentafluoroethyl)thio]- (9C1) (CA INDEX NAME)



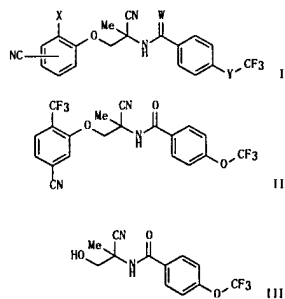
RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 9 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2005:429386 CAPLUS

DN 142:481750
TI A preparation of acetonitrile derivatives, useful as pesticides
IN Gauvry, Noelle; Goebel, Thomas; Ducray, Pierre; Pautrat, Francois;
Kuminsky, Ronald; Jung, Martin
PA Novartis A.-G., Switz.; Novartis Pharma G.m.b.H.
SD PCT Int. Appl., 48 pp.
CODEX: PIXXD2
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2005044784	A1	20050519	WO 2004-EP12559	20041105
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LX, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SV, TJ, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
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CA 2544741	A1	20050519	CA 2004-2544741	20041105
EP 1682493	A1	20060726	EP 2004-797665	20041105
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BR 2004016294	A	20070123	BR 2004-16294	20041105
CN 1902162	A	20070124	CN 2004-80039913	20041105
JP 2007510632	T	20070426	JP 2006-537263	20041105
MX 2006PA05036	A	20060706	MX 2006-PA5036	20060504
KR 793462	B1	20080114	KR 2006-708717	20060504
IN 2006CN01565	A	20070706	IN 2006-CN1565	20060505
US 2007072944	A1	20070329	US 2006-577369	20060626
PRAI EP 2003-25290	A	20031106		
GB 2004-2677	A	20040206		
WO 2004-EP12559	W	20041105		
OS MARPAT 142:481750				
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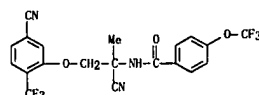
L4 ANSWER 9 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



AB The invention relates to a preparation of acetonitrile derivs. of formula I [wherein: X is Cl, Br, or CF₃; Y is a single bond, O, S, S(O), or SO₂; W is O or S], useful as pesticides. The active ingredients have advantageous pesticidal properties. They are especially suitable for controlling parasites in and on warm-blooded animals. For instance, acetonitrile derivative I was prepared via etherification of alc. III by 3-fluoro-4-(trifluoromethyl)benzonitrile. The efficacy was calculated as the % reduction of the number of worms in each gerbil, compared with the geometric average of number of worms from 6 infected and uninfected gerbils (mongolian gerbils, 3.2 mg/kg; H. contortus.: 100%; T. colubriformis.: 100%).

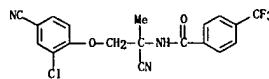
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851976-78-8P 851976-80-2P
RI: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of acetonitrile derivs. useful as pesticides)
RN 851976-33-5 CAPLUS
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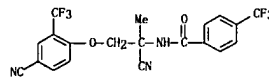


L4 ANSWER 9 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

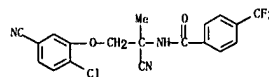
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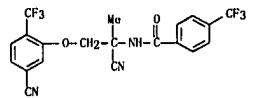
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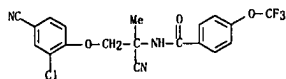


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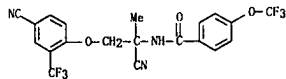


RN 851976-38-0 CAPLUS
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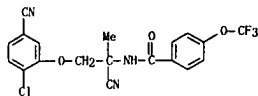
L4 ANSWER 9 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



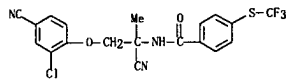
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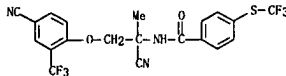


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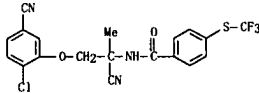


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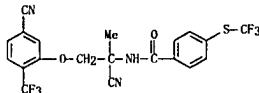
L4 ANSWER 9 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



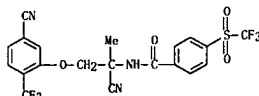
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RN 851976-50-6 CAPLUS
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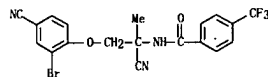


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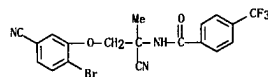


RN 851976-54-0 CAPLUS
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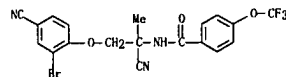
L4 ANSWER 9 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



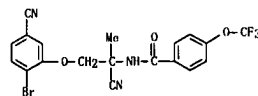
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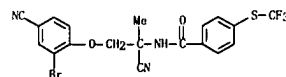
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RN 851976-60-8 CAPLUS
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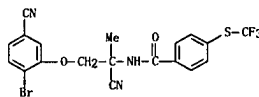


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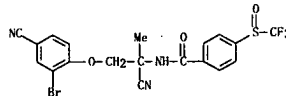


RN 851976-64-2 CAPLUS
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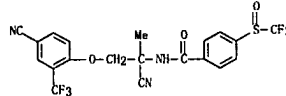
L4 ANSWER 9 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



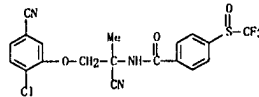
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 CN Benzamide, N-[2-(2-bromo-4-cyanophenoxy)-1-cyano-1-methylethyl]-4-[(trifluoromethyl)sulfinyl]- (CA INDEX NAME)



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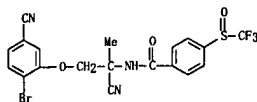


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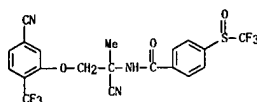


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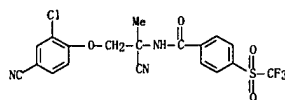
L4 ANSWER 9 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



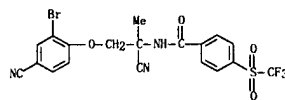
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RN 851976-74-4 CAPLUS
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RN 851976-76-6 CAPLUS
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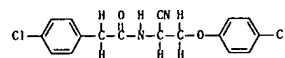


RN 851976-77-7 CAPLUS
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L4 ANSWER 10 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN

AN 2004:650899 CAPLUS
 DN 141:173978
 TI Preparation of aminoacetonitrile derivatives as agricultural and horticultural insecticides
 IN Andoh, Nobuharu; Sanpei, Osamu; Sakata, Kazuyuki
 PA Nihon Nohyaku Co., Ltd., Japan
 SO Eur. Pat. Appl., 48 pp.
 COCEN: EPXADW
 DT Patent
 LA English
 FAN, CNT 2

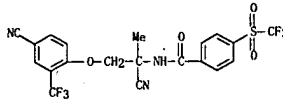
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EP 953565	A2	19991103	EP 1999-107461	19990428
EP 953565	A3	20021204		
EP 953565	B1	20040908		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
JP 1998-137806	A	19980501		
EP 1999-107461	A3	19990428		
OS MARPAT 141:173978				



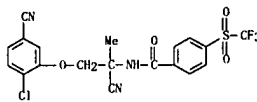
AB The title compds. Ar1(Q)dc(O)NR3C(CN)R4(CR5R6)aW(CR7R8)bAr2 [I]; Ar1, Ar2 = (substituted) Ph, (substituted) phenyloxy, (substituted) phenylacetylene; (substituted) pyridyl and (substituted) naphthyl; Q = CR1R2 (wherein R1, R2 = H, halo, (halo)alkyl, etc.); R3 = H, (halo)alkyl, etc.; R4-R8 = H, halo, (halo)alkyl, etc.; W = O, S, SO2 or NR9 (wherein R9 = H, alkyl); a, b = 0-4; d = 0-1; useful as insecticides; were prepared E.g., a multi-step synthesis of I) (starting from 4-chlorophenol and bromoacetaldehyde dimethylacetal), was given. The compds. I were tested against diamondback moth and against smaller tea tortrix (data were given for representative compds. I).

IT 247197-99-5P 247198-00-1P 247198-01-2P
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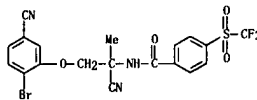
L4 ANSWER 9 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



RN 851976-78-8 CAPLUS
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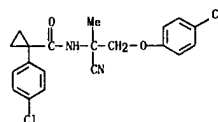
RN 851976-80-2 CAPLUS
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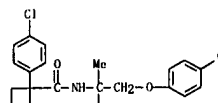
RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 10 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

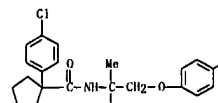
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 736172-78-4P 736172-92-2P 736172-93-3P
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 RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (prepn. of aminoacetonitrile derivs. as agricultural and horticultural insecticides)
 RN 247197-99-5 CAPLUS
 CN Cyclopentanecarboxamide, N-[2-(4-chlorophenoxy)-1-cyano-1-methylethyl]-1-(4-chlorophenyl)- (CA INDEX NAME)



RN 247198-00-1 CAPLUS
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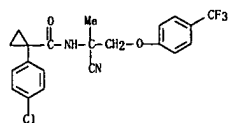


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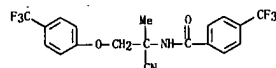


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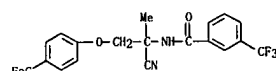
L4 ANSWER 10 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



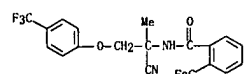
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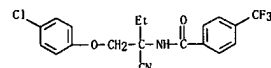
RN 247199-21-9 CAPLUS
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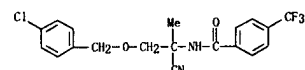
RN 247199-22-0 CAPLUS
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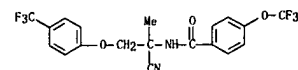
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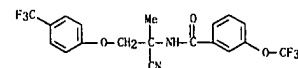
L4 ANSWER 10 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



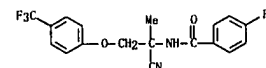
RN 247199-33-3 CAPLUS
 CN Benzamide, N-[1-cyano-1-methyl-2-[4-(trifluoromethyl)phenoxy]ethyl]-4-(trifluoromethoxy)- (CA INDEX NAME)



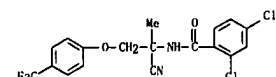
RN 247199-34-4 CAPLUS
 CN Benzamide, N-[1-cyano-1-methyl-2-[4-(trifluoromethyl)phenoxy]ethyl]-3-(trifluoromethoxy)- (CA INDEX NAME)



RN 247199-36-6 CAPLUS
 CN Benzamide, N-[1-cyano-1-methyl-2-[4-(trifluoromethyl)phenoxy]ethyl]-4-fluoro- (CA INDEX NAME)



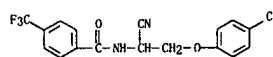
RN 247199-37-7 CAPLUS
 CN Benzamide, 2,4-dichloro-N-[1-cyano-1-methyl-2-[4-(trifluoromethyl)phenoxy]ethyl]- (CA INDEX NAME)



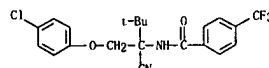
RN 247199-38-8 CAPLUS
 CN Benzamide, N-[1-cyano-1-methyl-2-[4-(trifluoromethyl)phenoxy]ethyl]-4-iodo- (CA INDEX NAME)

L4 ANSWER 10 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

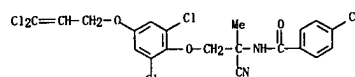
RN 247199-24-2 CAPLUS
 CN Benzamide, N-[2-(4-chlorophenoxy)-1-cyanoethyl]-4-(trifluoromethyl)- (CA INDEX NAME)



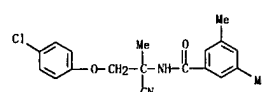
RN 247199-25-3 CAPLUS
 CN Benzamide, N-[1-(4-chlorophenoxy)methyl]-1-cyano-2,2-dimethylpropyl-4-(trifluoromethyl)- (CA INDEX NAME)



RN 247199-28-6 CAPLUS
 CN Benzamide, 4-chloro-N-[1-cyano-2-[2,6-dichloro-4-[(3,3-dichloro-2-propenyl)oxy]phenoxy]-1-methylethyl]- (9C1) (CA INDEX NAME)

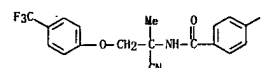


RN 247199-31-1 CAPLUS
 CN Benzamide, N-[2-(4-chlorophenoxy)-1-cyano-1-methylethyl]-3,5-dimethyl- (CA INDEX NAME)

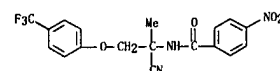


RN 247199-32-2 CAPLUS
 CN Benzamide, N-[2-(4-chlorophenyl)methoxy]-1-cyano-1-methylethyl]-4-(trifluoromethyl)- (CA INDEX NAME)

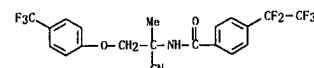
L4 ANSWER 10 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



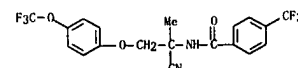
RN 247199-39-9 CAPLUS
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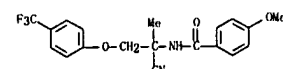
RN 247199-40-2 CAPLUS
 CN Benzamide, N-[1-cyano-1-methyl-2-[4-(trifluoromethyl)phenoxy]ethyl]-4-(pentafluoroethyl)- (9C1) (CA INDEX NAME)



RN 247199-41-3 CAPLUS
 CN Benzamide, N-[1-cyano-1-methyl-2-[4-(trifluoromethoxy)phenoxy]ethyl]-4-(trifluoromethyl)- (CA INDEX NAME)

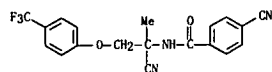


RN 247199-42-4 CAPLUS
 CN Benzamide, N-[1-cyano-1-methyl-2-[4-(trifluoromethyl)phenoxy]ethyl]-4-methoxy- (CA INDEX NAME)

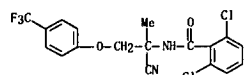


RN 247199-43-5 CAPLUS
 CN Benzamide, 4-cyano-N-[1-cyano-1-methyl-2-[4-(trifluoromethyl)phenoxy]ethyl]- (CA INDEX NAME)

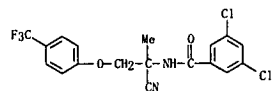
L4 ANSWER 10 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



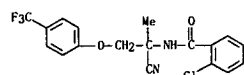
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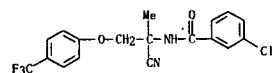
RN 247199-45-7 CAPLUS
 CN Benzamide, 3,5-dichloro-N-[1-cyano-1-methyl-2-[4-(trifluoromethyl)phenoxy]ethyl]- (CA INDEX NAME)



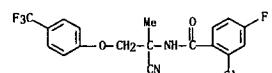
RN 247199-46-8 CAPLUS
 CN Benzamide, 2-chloro-N-[1-cyano-1-methyl-2-[4-(trifluoromethyl)phenoxy]ethyl]- (CA INDEX NAME)



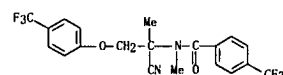
RN 247199-47-9 CAPLUS
 CN Benzamide, 3-chloro-N-[1-cyano-1-methyl-2-[4-(trifluoromethyl)phenoxy]ethyl]- (CA INDEX NAME)



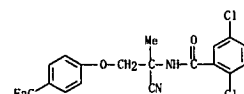
L4 ANSWER 10 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



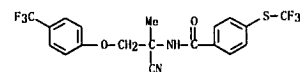
RN 247199-53-7 CAPLUS
 CN Benzamide, N-[1-cyano-1-methyl-2-[4-(trifluoromethyl)phenoxy]ethyl]-N-methyl-4-(trifluoromethyl)- (CA INDEX NAME)



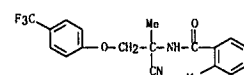
RN 247199-54-8 CAPLUS
 CN Benzamide, 2,5-dichloro-N-[1-cyano-1-methyl-2-[4-(trifluoromethyl)phenoxy]ethyl]- (CA INDEX NAME)



RN 247199-55-9 CAPLUS
 CN Benzamide, N-[1-cyano-1-methyl-2-[4-(trifluoromethyl)phenoxy]ethyl]-4-(trifluoromethyl)thio- (CA INDEX NAME)



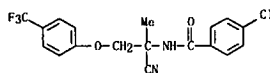
RN 247199-56-0 CAPLUS
 CN Benzamide, N-[1-cyano-1-methyl-2-[4-(trifluoromethyl)phenoxy]ethyl]-2-methyl- (CA INDEX NAME)



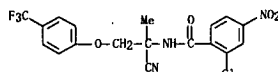
RN 247199-57-1 CAPLUS
 CN Benzamide, N-[1-cyano-1-methyl-2-[4-(trifluoromethyl)phenoxy]ethyl]-3-methyl- (CA INDEX NAME)

L4 ANSWER 10 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

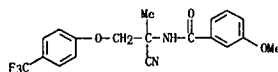
RN 247199-48-0 CAPLUS
 CN Benzamide, 4-chloro-N-[1-cyano-1-methyl-2-[4-(trifluoromethyl)phenoxy]ethyl]- (CA INDEX NAME)



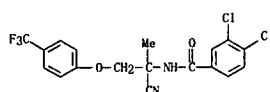
RN 247199-49-1 CAPLUS
 CN Benzamide, 2-chloro-N-[1-cyano-1-methyl-2-[4-(trifluoromethyl)phenoxy]ethyl]-4-nitro- (CA INDEX NAME)



RN 247199-50-4 CAPLUS
 CN Benzamide, N-[1-cyano-1-methyl-2-[4-(trifluoromethyl)phenoxy]ethyl]-3-methoxy- (CA INDEX NAME)

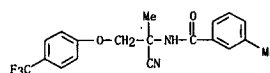


RN 247199-51-5 CAPLUS
 CN Benzamide, 3,4-dichloro-N-[1-cyano-1-methyl-2-[4-(trifluoromethyl)phenoxy]ethyl]- (CA INDEX NAME)

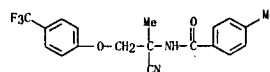


RN 247199-52-6 CAPLUS
 CN Benzamide, 2-chloro-N-[1-cyano-1-methyl-2-[4-(trifluoromethyl)phenoxy]ethyl]-4-fluoro- (CA INDEX NAME)

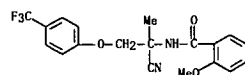
L4 ANSWER 10 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



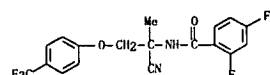
RN 247199-58-2 CAPLUS
 CN Benzamide, N-[1-cyano-1-methyl-2-[4-(trifluoromethyl)phenoxy]ethyl]-4-methyl- (CA INDEX NAME)



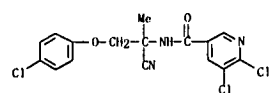
RN 247199-59-3 CAPLUS
 CN Benzamide, N-[1-cyano-1-methyl-2-[4-(trifluoromethyl)phenoxy]ethyl]-2-methoxy- (CA INDEX NAME)



RN 247199-60-6 CAPLUS
 CN Benzamide, N-[1-cyano-1-methyl-2-[4-(trifluoromethyl)phenoxy]ethyl]-2,4-difluoro- (CA INDEX NAME)

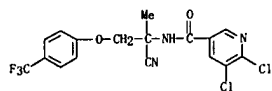


RN 247199-61-7 CAPLUS
 CN 3-Pyridinecarboxamide, 5,6-dichloro-N-[1-cyano-1-methyl-2-[4-(trifluoromethyl)phenoxy]ethyl]- (CA INDEX NAME)

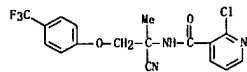


RN 247199-62-8 CAPLUS
 CN 3-Pyridinecarboxamide, 5,6-dichloro-N-[1-cyano-1-methyl-2-[4-(trifluoromethyl)phenoxy]ethyl]- (CA INDEX NAME)

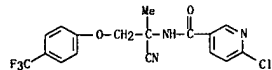
L4 ANSWER 10 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



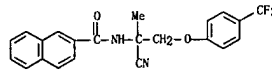
RN 247199-63-9 CAPLUS
CN 3-Pyridinecarboxamide, 2-chloro-N-[(1-cyano-1-methyl-2-[4-(trifluoromethyl)phenoxy]ethyl)- (CA INDEX NAME)]



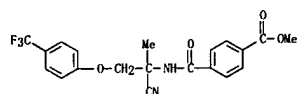
RN 247199-64-0 CAPLUS
CN 3-Pyridinecarboxamide, 6-chloro-N-[(1-cyano-1-methyl-2-[4-(trifluoromethyl)phenoxy]ethyl)- (CA INDEX NAME)]



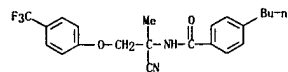
RN 247199-65-1 CAPLUS
CN 2-Naphthalenecarboxamide, N-[(1-cyano-1-methyl-2-[4-(trifluoromethyl)phenoxy]ethyl)- (CA INDEX NAME)]



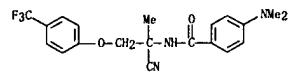
RN 247199-66-2 CAPLUS
CN Benzoic acid, 4-[[[(1-cyano-1-methyl-2-[4-(trifluoromethyl)phenoxy]ethyl)amino]carbonyl]-, methyl ester (CA INDEX NAME)]



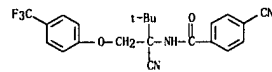
L4 ANSWER 10 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



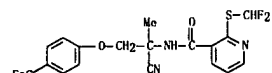
RN 247199-72-0 CAPLUS
CN Benzoic acid, 4-[[[(1-cyano-1-methyl-2-[4-(trifluoromethyl)phenoxy]ethyl)amino]carbonyl]-, methyl ester (CA INDEX NAME)]



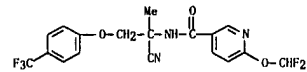
RN 247199-73-1 CAPLUS
CN Benzoic acid, 4-[[[(1-cyano-1-methyl-2-[4-(trifluoromethyl)phenoxy]ethyl)amino]carbonyl]-, methyl ester (CA INDEX NAME)]



RN 247199-74-2 CAPLUS
CN 3-Pyridinecarboxamide, N-[(1-cyano-1-methyl-2-[4-(trifluoromethyl)phenoxy]ethyl)-2-[(difluoromethyl)thio]- (CA INDEX NAME)]



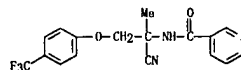
RN 247199-75-3 CAPLUS
CN 3-Pyridinecarboxamide, N-[(1-cyano-1-methyl-2-[4-(trifluoromethyl)phenoxy]ethyl)-6-(difluoromethoxy)- (CA INDEX NAME)]



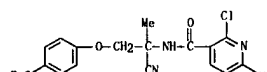
RN 247199-76-4 CAPLUS
CN Benzoic acid, 4-[[[(1-cyano-1-methyl-2-[4-(trifluoromethyl)phenoxy]ethyl)amino]carbonyl]-, methyl ester (CA INDEX NAME)]

L4 ANSWER 10 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

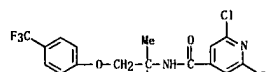
RN 247199-67-3 CAPLUS
CN 3-Pyridinecarboxamide, N-[(1-cyano-1-methyl-2-[4-(trifluoromethyl)phenoxy]ethyl)- (CA INDEX NAME)]



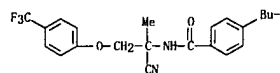
RN 247199-68-4 CAPLUS
CN 3-Pyridinecarboxamide, 2-chloro-N-[(1-cyano-1-methyl-2-[4-(trifluoromethyl)phenoxy]ethyl)-6-methyl- (CA INDEX NAME)]



RN 247199-69-5 CAPLUS
CN 4-Pyridinecarboxamide, 2,6-dichloro-N-[(1-cyano-1-methyl-2-[4-(trifluoromethyl)phenoxy]ethyl)- (CA INDEX NAME)]

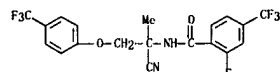


RN 247199-70-8 CAPLUS
CN Benzoic acid, 4-[[[(1-cyano-1-methyl-2-[4-(trifluoromethyl)phenoxy]ethyl)-4-(1,1-dimethylethyl)- (CA INDEX NAME)]

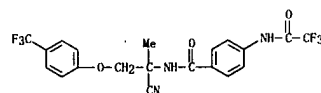


RN 247199-71-9 CAPLUS
CN Benzoic acid, 4-[[[(1-cyano-1-methyl-2-[4-(trifluoromethyl)phenoxy]ethyl)-4-(1,1-dimethylethyl)- (CA INDEX NAME)]

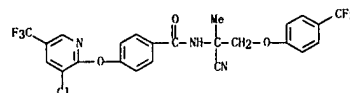
L4 ANSWER 10 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



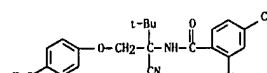
RN 247199-77-5 CAPLUS
CN Benzoic acid, 4-[[[(1-cyano-1-methyl-2-[4-(trifluoromethyl)phenoxy]ethyl)amino]carbonyl]-, methyl ester (CA INDEX NAME)]



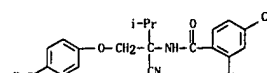
RN 247199-78-6 CAPLUS
CN Benzoic acid, 4-[[[(1-cyano-1-methyl-2-[4-(trifluoromethyl)phenoxy]ethyl)amino]carbonyl]-, methyl ester (CA INDEX NAME)]



RN 247199-79-7 CAPLUS
CN Benzoic acid, 4-[[[(1-cyano-1-methyl-2-[4-(trifluoromethyl)phenoxy]ethyl)amino]carbonyl]-, methyl ester (CA INDEX NAME)]

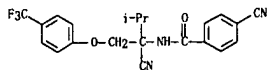


RN 247199-80-0 CAPLUS
CN Benzoic acid, 4-[[[(1-cyano-1-methyl-2-[4-(trifluoromethyl)phenoxy]ethyl)amino]carbonyl]-, methyl ester (CA INDEX NAME)]

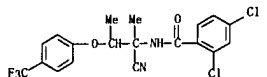


RN 247199-81-1 CAPLUS

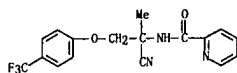
L4 ANSWER 10 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
 CN Benzamide, 4-cyano-N-[1-cyano-2-methyl-1-[[4-(trifluoromethyl)phenoxy]methyl]propyl]- (CA INDEX NAME)



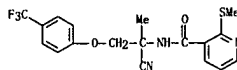
RN 247199-82-2 CAPLUS
 CN Benzamide, 2,4-dichloro-N-[1-cyano-1-methyl-2-[4-(trifluoromethyl)phenoxy]propyl]- (CA INDEX NAME)



RN 247199-85-5 CAPLUS
 CN 2-Pyridinecarboxamide, N-[1-cyano-1-methyl-2-[4-(trifluoromethyl)phenoxy]ethyl]- (CA INDEX NAME)



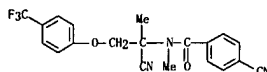
RN 247199-86-6 CAPLUS
 CN 3-Pyridinecarboxamide, N-[1-cyano-1-methyl-2-[4-(trifluoromethyl)phenoxy]ethyl]-2-(methylthio)- (CA INDEX NAME)



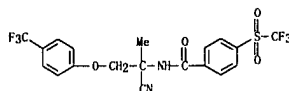
RN 247199-87-7 CAPLUS
 CN 3-Pyridinecarboxamide, N-[1-cyano-1-methyl-2-[4-(trifluoromethyl)phenoxy]ethyl]-2-(methylsulfonyl)- (CA INDEX NAME)



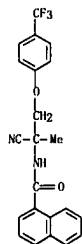
L4 ANSWER 10 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



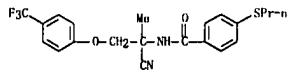
RN 247199-92-4 CAPLUS
 CN Benzamide, N-[1-cyano-1-methyl-2-[4-(trifluoromethyl)phenoxy]ethyl]-4-[(trifluoromethyl)sulfonyl]- (CA INDEX NAME)



RN 247199-93-5 CAPLUS
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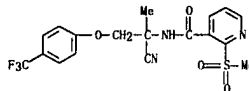
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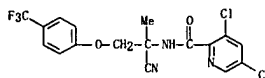
RN 247199-95-7 CAPLUS
 CN Benzamide, N-[1-cyano-1-methyl-2-[4-(trifluoromethyl)phenoxy]ethyl]-4-[(pentafluoroethyl)thio]- (9CI) (CA INDEX NAME)



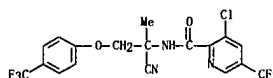
L4 ANSWER 10 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



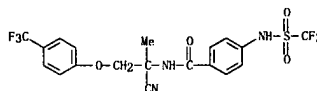
RN 247199-88-8 CAPLUS
 CN 2-Pyridinecarboxamide, 3,5-dichloro-N-[1-cyano-1-methyl-2-[4-(trifluoromethyl)phenoxy]ethyl]- (CA INDEX NAME)



RN 247199-89-9 CAPLUS
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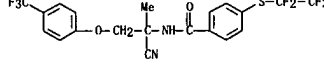
RN 247199-90-2 CAPLUS
 CN Benzamide, N-[1-cyano-1-methyl-2-[4-(trifluoromethyl)phenoxy]ethyl]-4-[[[(trifluoromethyl)sulfonyl]amino]- (CA INDEX NAME)



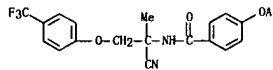
RN 247199-91-3 CAPLUS
 CN Benzamide, 4-cyano-N-[1-cyano-1-methyl-2-[4-(trifluoromethyl)phenoxy]ethyl]-N-methyl- (CA INDEX NAME)



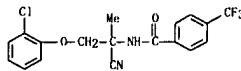
L4 ANSWER 10 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



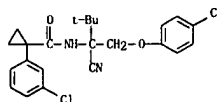
RN 247201-37-2 CAPLUS
 CN Benzamide, 4-(acetyloxy)-N-[1-cyano-1-methyl-2-[4-(trifluoromethyl)phenoxy]ethyl]- (CA INDEX NAME)



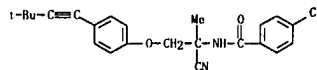
RN 438548-44-8 CAPLUS
 CN Benzamide, N-[2-(2-chlorophenoxy)-1-cyano-1-methylethyl]-4-(trifluoromethyl)- (CA INDEX NAME)



RN 736172-78-4 CAPLUS
 CN Cyclopropanecarboxamide, N-[1-[(4-chlorophenoxy)methyl]-1-cyano-2,2-dimethylpropyl]-1-(3-chlorophenyl)- (CA INDEX NAME)



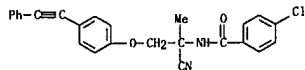
RN 736172-92-2 CAPLUS
 CN Benzamide, 4-chloro-N-[1-cyano-2-[4-(3,3-dimethyl-1-butynyl)phenoxy]ethyl]-1-methylethyl]- (9CI) (CA INDEX NAME)



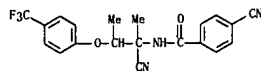
RN 736172-93-3 CAPLUS
 CN Benzamide, 4-chloro-N-[1-cyano-1-methyl-2-[4-(phenylethynyl)phenoxy]ethyl]- (9CI) (CA INDEX NAME)



L4 ANSWER 10 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



RN 736172-94-4 CAPLUS
 CN Benzamide, 4-cyano-N-(1-cyano-1-methyl-2-[4-(trifluoromethyl)phenoxy]propyl)- (CA INDEX NAME)

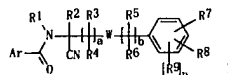


APPLICANT

L4 ANSWER 11 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN

AN 2004:2841 CAPLUS
 DN 140:59412
 TI Preparation of N-(1-cyano-1-methyl-2-phenoxyethyl) benzamides for controlling parasites
 IN Ducray, Pierre; Goebel, Thomas
 PA Novartis A.-G., Switz.: Novartis Pharma G.m.b.H.
 SO PCT Int. Appl., 54 pp.
 COVEN: PIXXD2
 DT Patent
 LA English
 FAN, CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2004000793	A2	20031231	WO 2003-EP6490	20030618
WO 2004000793	A3	20040219		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LT, LU, LV, MA, MD, ME, MN, MX, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SE, SG, SK, TJ, TM, TN, TR, TT, UA, US, UZ, VC, VN, YU, ZA, ZW				
RW: AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR				
CA 2489842	A1	20031231	CA 2003-2489842	20030618
AU 2003279395	A1	20040106	AU 2003-279395	20030618
AU 2003279395	B2	20070510		
EP 1517885	A2	20050330	EP 2003-740290	20030618
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
BR 2003012435	A	20050419	BR 2003-12435	20030618
CN 1668580	A	20050914	CN 2003-817212	20030618
JP 200529968	T	20051006	JP 2004-514798	20030618
NZ 537665	A	20070727	NZ 2003-537665	20030618
IN 2004CN02869	A	20060217	IN 2004-CN2869	20041216
MX 2004PA12971	A	20050516	MX 2004-PA12971	20041217
ZA 2004010232	A	20050623	ZA 2004-10232	20041220
US 2006128801	A1	20060615	US 2005-518210	20051121
PRA1 CH 2002-1047	A	20020619		
WO 2003-EP6490	W	20030618		
OS MARPAT 140:59412				
G1				



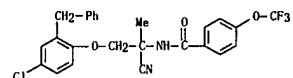
AB The title compds. [1: Ar = (un)substituted (hetero)aryl; R1 = H, alkyl, haloalkyl, allyl, alkoxyethyl; R2-R6 = H, halo, alkyl, alkoxy, etc.; or R2 and R3 together = alkylene; R8 = (un)substituted phenylcarbonyl, phenoxyethyl, etc. and R7 = H; or R7 and R8 together = (un)substituted alkylene whereby one or two carbon atoms may be replaced by oxygen; R9 = halo, NO2, CN, alkyl, etc.; W = O, S, SO2, NH, N(alkyl); a = 1-4; b = 0-4;

L4 ANSWER 12 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

n = 0-3] which have advantageous pesticidal properties, and are esp. suitable for controlling parasites on warm-blooded animals, were prepd. E.g., a 3-step synthesis of N-(1-cyano-1-methyl-2-(2-benzyl-4-chlorophenoxy)ethyl)-4-trifluoromethoxybenzamide (starting from 2-benzyl-4-chlorophenol and chloroacetone), was given. The compds. 1 were tested in various biol. tests (no data). For example, in vivo test on T. colubriformis and H. contortus on Mongolian gerbils using peroral application showed a vast redn. in nematode infestation (no specific data was given).

IT 639476-83-8P
 RL: AGR (Agricultural use); BSU (Biological study, unclassified); PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses) (preparation of N-(1-cyano-1-methyl-2-phenoxyethyl) benzamides for controlling parasites)

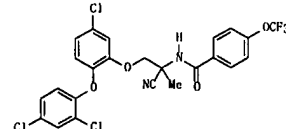
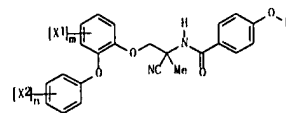
RN 639476-83-8 CAPLUS
 CN Benzamide, N-[2-(4-chloro-2-(phenylmethyl)phenoxy)-1-cyano-1-methylethyl]-4-(trifluoromethoxy)- (CA INDEX NAME)



L4 ANSWER 12 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN

AN 2003:991474 CAPLUS
 DN 140:27666
 TI Preparation of amidocetonitrile compounds as pesticides
 IN Ducray, Pierre; Goebel, Thomas; Bouvier, Jacques
 PA Novartis A.-G., Switz.: Novartis Pharma G.m.b.H.
 SO PCT Int. Appl., 41 pp.
 COVEN: PIXXD2
 DT Patent
 LA English
 FAN, CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2003104187	A1	20031218	WO 2003-EP5928	20030605
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RW: AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR				
CA 2480552	A1	20031218	CA 2003-2480552	20030605
AU 2003250342	A1	20031222	AU 2003-250342	20030605
AU 2003250342	B2	20070614		
BR 2003011607	A	20050222	BR 2003-11607	20030605
EP 1513799	A1	20050316	EP 2003-757034	20030605
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
CN 1653039	A	20050810	CN 2003-810867	20030605
JP 2005528458	T	20050922	JP 2004-511257	20030605
NZ 536442	A	20071026	NZ 2003-536442	20030605
US 2005203178	A1	20050915	US 2004-514300	20041112
US 7304018	B2	20071204		
IN 2004CN02735	A	20060210	IN 2004-CN2735	20041203
MX 2004PA12224	A	20050225	MX 2004-PA12224	20041206
PRA1 CH 2002-965	A	20020606		
WO 2003-EP5928	W	20030605		
OS MARPAT 140:27666				
G1				



L4 ANSWER 12 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

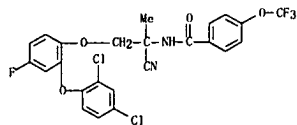
AB The title compds. [1: R = alkyl, haloalkyl, alkoxyalkyl, haloalkoxyhaloalkyl; X1, X2 = halo; a = 1-4; n = 1-5] which have advantageous pesticidal properties and are especially suitable for controlling parasites on warm-blooded animals, were prepared and formulated. E.g., a 3-step synthesis of 11 (starting from 5-chloro-2-(2,4-dichlorophenoxy)phenol and chloroacetone); was given. The compds. 1 were tested in vivo on *Trichostrongylus colubriformis* and *Haemonchus contortus* on Mongolian gerbils. In this test, a vast reduction in nematode infestation is achieved with compds. 1 (in particular; one of the compds. 1 effects complete elimination of the nematode infestation at 16 mg/kg).

1T 633305-14-3P 633305-16-5P 633305-17-6P
633305-18-7P 633305-19-8P 633305-20-1P
633305-22-3P 633305-23-4P 633305-24-5P
633305-25-6P 633305-26-7P 633305-27-8P
633305-28-9P

RL: AGR (Agricultural use); BSU (Biological study, unclassified); PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of maldoxonitrile compds. as pesticides)

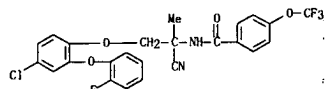
RN 633305-14-3 CAPLUS

CN Benzamide, N-[1-cyano-2-[2-(2,4-dichlorophenoxy)-4-fluorophenoxy]-1-methylethyl]-4-(trifluoromethoxy)- (CA INDEX NAME)



RN 633305-16-5 CAPLUS

CN Benzamide, N-[2-[4-chloro-2-(2-fluorophenoxy)phenoxy]-1-cyano-1-methylethyl]-4-(trifluoromethoxy)- (CA INDEX NAME)



RN 633305-17-6 CAPLUS

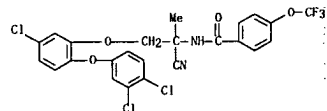
CN Benzamide, N-[2-[4-chloro-2-(2,4-dichlorophenoxy)phenoxy]-1-cyano-1-methylethyl]-4-(trifluoromethoxy)- (CA INDEX NAME)



L4 ANSWER 12 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

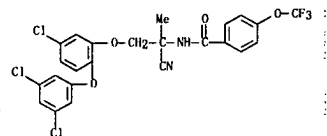
RN 633305-22-3 CAPLUS

CN Benzamide, N-[2-[5-chloro-2-(3,4-dichlorophenoxy)phenoxy]-1-cyano-1-methylethyl]-4-(trifluoromethoxy)- (CA INDEX NAME)



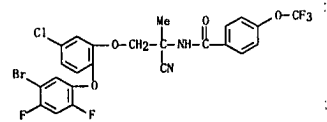
RN 633305-23-4 CAPLUS

CN Benzamide, N-[2-[5-chloro-2-(3,5-dichlorophenoxy)phenoxy]-1-cyano-1-methylethyl]-4-(trifluoromethoxy)- (CA INDEX NAME)



RN 633305-24-5 CAPLUS

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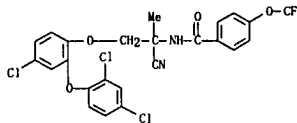


RN 633305-25-6 CAPLUS

CN Benzamide, N-[1-cyano-2-[4,5-difluoro-2-(2,3,5-trifluorophenoxy)phenoxy]-1-methylethyl]-4-(trifluoromethoxy)- (CA INDEX NAME)

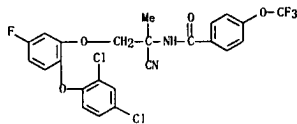


L4 ANSWER 12 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



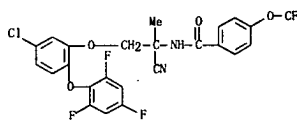
RN 633305-18-7 CAPLUS

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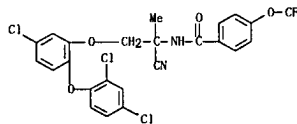
RN 633305-19-8 CAPLUS

CN Benzamide, N-[2-[5-chloro-2-(2,4,6-trifluorophenoxy)phenoxy]-1-cyano-1-methylethyl]-4-(trifluoromethoxy)- (CA INDEX NAME)



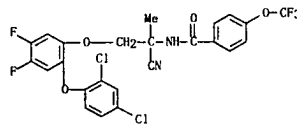
RN 633305-20-1 CAPLUS

CN Benzamide, N-[2-[5-chloro-2-(2,4-dichlorophenoxy)phenoxy]-1-cyano-1-methylethyl]-4-(trifluoromethoxy)- (CA INDEX NAME)



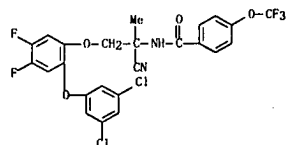
RN 633305-26-7 CAPLUS

CN Benzamide, N-[1-cyano-2-[2-(2,4-dichlorophenoxy)-4,5-difluorophenoxy]-1-methylethyl]-4-(trifluoromethoxy)- (CA INDEX NAME)



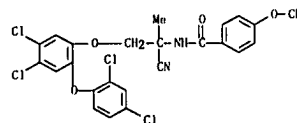
RN 633305-27-8 CAPLUS

CN Benzamide, N-[1-cyano-2-[2-(3,5-dichlorophenoxy)-4,5-difluorophenoxy]-1-methylethyl]-4-(trifluoromethoxy)- (CA INDEX NAME)



RN 633305-28-9 CAPLUS

CN Benzamide, N-[1-cyano-2-[4,5-dichloro-2-(2,4-dichlorophenoxy)phenoxy]-1-methylethyl]-4-(trifluoromethoxy)- (CA INDEX NAME)

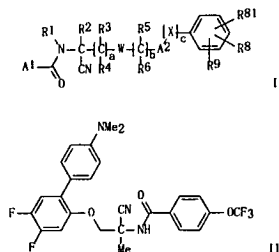


L4 ANSWER 12 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
 RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 13 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN
 AN 2003:931318 CAPLUS
 DN 140:4857
 TI Preparation of substituted benzamides for controlling parasites
 IN Ducray, Pierre; Goebel, Thomas; Bouvier, Jacques; Durano, Corinne
 PA Novartis Ag. Switz.; Novartis Pharma GmbH
 SO PCT Int. Appl., 56 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

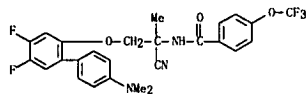
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2003097585	A2	20031127	WO 2003-EP5331	20030521
WO 2003097585	A3	20041209		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LT, LU, LV, MA, MD, MK, MN, MX, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SE, SG, SK, TJ, TM, TN, TR, TT, UA, US, UZ, VC, VN, YU, ZA, ZW			
RW:	AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR			
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AU 2003269601	A1	20031202	AU 2003-269601	20030521
BR 2003011192	A	20050222	BR 2003-11192	20030521
EP 1509494	A2	20050302	EP 2003-740142	20030521
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CN 1656061	A	20050817	CN 2003-811463	20030521
JP 2005526136	T	20050902	JP 2004-505318	20030521
ZA 2004008738	A	20051031	ZA 2004-8738	20041028
MX 2004PA11532	A	20050214	MX 2004-PA11532	20041119
IN 2004CN02619	A	20070921	IN 2004-CN2619	20041122
US 2005203148	A1	20050915	US 2005-514904	20050105
US 7148255	B2	20061212		
CN 2002-856	A	20020522		
PRAI WO 2003-EP5331	W	20030521		
OS MARPAT 140:4857				
GI				

L4 ANSWER 13 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



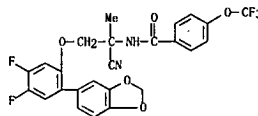
AB The title compds. [I; A1, A2 = (un)substituted aryl, heteroaryl; R1 = H, alkyl, haloalkyl, allyl, alkoxyethyl; R2-R6 = H, halo, alkyl, etc.; or R2 and R3 together = alkylene; R7 = H, alkyl; either R8 = alkylamino, dialkylamino, cycloalkyl, etc. and R81 = H, R9; or R8 and R81 together (un)substituted alkylene (whereby one or two carbon atoms may be replaced by O, N or S); R9 = halo, NO2, CN, alkyl, etc.; W = O, S, SO2, NR7; X = O, NR7; a = 1-4; b = 0-4; c = 0-1], which have advantageous pesticidal properties, and are especially suitable for controlling parasites on warm-blooded animals (no biol. data given), were prepared and formulated. E.g., a multi-step synthesis of II, starting from chloroacetone and 2-bromo-4,5-difluorophenol, was given.

IT 627873-93-2P 627873-94-3P
 RL: AGR (Agricultural use); BSU (Biological study, unclassified); PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (preparation of substituted benzamides for controlling parasites)
 RN 627873-93-2 CAPLUS
 CN Benzamide, N-[1-cyano-2-[[4'-(dimethylamino)-4,5-difluoro[1,1'-biphenyl]-2-yl]oxy]-1-methylethyl]-4-(trifluoromethoxy)- (CA INDEX NAME)



RN 627873-94-3 CAPLUS
 CN Benzamide, N-[2-[2-(1,3-benzodioxol-5-yl)-4,5-difluorophenoxy]-1-cyano-1-methylethyl]-4-(trifluoromethoxy)- (CA INDEX NAME)

L4 ANSWER 13 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

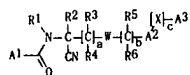


L4 ANSWER 14 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2003:931161 CAPLUS

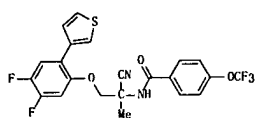
DN 140:4955
T1 Preparation of N-acylaminoacetonitriles for controlling parasites
IN Ducray, Pierre; Goebel, Thomas; Bouvier, Jacques; Durano, Corinne
PA Novartis Ag. Switz.; Novartis Pharma GmbH
SO PCT Int. Appl. 64 pp.
CODEN: PIXX02

DT Patent
LA English
FAN, CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
P1 WO 2003097036	A1	20031127	WO 2003-EP5334	20030521
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LT, LU, LV, MA, MD, MK, MN, MX, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SE, SG, SK, TJ, TM, TN, TR, TT, UA, US, UZ, VC, VN, YU, ZA, ZW			
RW:	AM, AZ, BY, BG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR			
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AU 2003242555	A1	20031202	AU 2003-242555	20030521
BR 2003011214	A	20050301	BR 2003-11214	20030521
EP 1509221	A1	20050302	EP 2003-752774	20030521
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CN 1649579	A	20050803	CN 2003-809965	20030521
JP 2005336466	T	20051202	JP 2004-505035	20030521
NZ 536184	A	20061027	NZ 2003-536184	20030521
ZA 2004007974	A	20060726	ZA 2004-7974	20041004
US 2005182127	A1	20050818	US 2004-513806	20041108
MX 2004PA11531	A	20050214	MX 2004-PA11531	20041119
IN 2004CN02610	A	20070921	IN 2004-CN2610	20041122
PRA1 CH 2002-855	A	20020522		
WO 2003-EP5334	W	20030521		
OS MARPAT 140:4955				
G1				

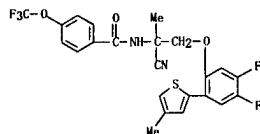


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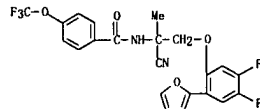


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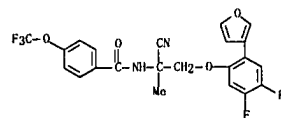
L4 ANSWER 14 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



RN 627881-37-2 CAPLUS
CN Benzamide, N-[1-cyano-2-[4,5-difluoro-2-(2-furanyl)phenoxy]-1-methylethyl]-4-(trifluoromethoxy)- (CA INDEX NAME)



RN 627881-38-3 CAPLUS
CN Benzamide, N-[1-cyano-2-[4,5-difluoro-2-(3-furanyl)phenoxy]-1-methylethyl]-4-(trifluoromethoxy)- (CA INDEX NAME)



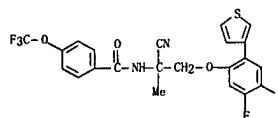
RN 627881-39-4 CAPLUS
CN Benzamide, N-[2-(2-benzo[b]thien-3-yl)-4,5-difluorophenoxy]-1-cyano-1-methylethyl]-4-(trifluoromethoxy)- (CA INDEX NAME)

L4 ANSWER 14 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

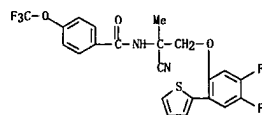
AB The title compds. [1: A1, A2 = (un)substituted aryl, heteroaryl, etc.; A3 = (un)substituted pyrimidyl, s-triazinyl, 1,2,4-triazinyl, etc.; R1 = H, alkyl, haloalkyl, allyl, alkoxyethyl; R2-R6 = H, halo, alkyl, etc.; or R2 and R3 are jointly alkylene; W = O, S, SO2, NR7; X = O, S, NR7; R7 = H, alkyl; a = i-4; b = 0-4; c = 0-1] which have advantageous pesticidal properties, and are particularly suitable for controlling parasites in warm-blooded animals, were prepared and formulated. E.g. a multi-step synthesis of the benzamide II, starting from chloroacetone and 2-bromo-4,5-difluorophenol, was given.

IT 627881-34-9P 627881-35-9P 627881-36-1P
627881-37-2P 627881-38-3P 627881-39-4P
RL: AGR (Agricultural use); BSU (Biological study, unclassified); PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); B10L (Biological study); PREP (Preparation); USES (Uses)
(preparation of N-acylaminoacetonitriles for controlling parasites)

RN 627881-34-9 CAPLUS
CN Benzamide, N-[1-cyano-2-[4,5-difluoro-2-(3-thienyl)phenoxy]-1-methylethyl]-4-(trifluoromethoxy)- (CA INDEX NAME)

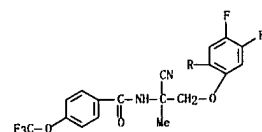


RN 627881-35-0 CAPLUS
CN Benzamide, N-[1-cyano-2-[4,5-difluoro-2-(2-thienyl)phenoxy]-1-methylethyl]-4-(trifluoromethoxy)- (CA INDEX NAME)



RN 627881-36-1 CAPLUS
CN Benzamide, N-[1-cyano-2-[4,5-difluoro-2-(4-methyl-2-thienyl)phenoxy]-1-methylethyl]-4-(trifluoromethoxy)- (CA INDEX NAME)

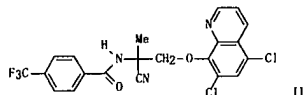
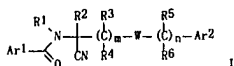
L4 ANSWER 14 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



RE, CNT 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

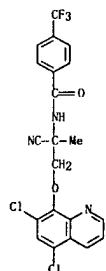
L4 ANSWER 15 OF 29 CAPLUS COPYRIGHT 2008 ACS ON STN (Continued)
 AN 2003:77761 CAPLUS
 DN 139:292161
 TJ Preparation of amidocetonitriles as pesticides, in particular as parasiticides
 IN Ducrey, Pierre; Goebel, Thomas
 PA Novartis AG, Switz.; Novartis Pharma GmbH
 SO FCT Int. Appl., 54 pp.
 CODEN: PIXAD2
 DT Patent
 LA English
 FAN CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2003080577	A2	20031002	WO 2003-EP2920	20030320
WO 2003080577	A3	20040701		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LT, LU, LV, MA, MD, MK, MN, MX, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SE, SG, SK, TJ, TM, TN, TR, TT, UA, US, UZ, VC, VN, YU, ZA, ZW			
RW:	AM, AZ, BY, BG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR			
AU 2003216859	A1	20031008	AU 2003-216859	20030320
CH 2002-495	A	20020321		
WO 2003-EP2920	W	20030320		
OS MARPAT 139:292161				
GI				

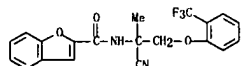


AB Title compds. I [wherein Ar1, Ar2 = independently (un)substituted aryl, phenyl(amino/carbonyl), Ph, phenoxy, phenylacetylenyl, pyridyloxy, heteraryl; R1 = H, alkyl, haloalkyl, allyl, alkoxy(methyl); R2, R3, R4, R5, R6 = independently of one another H, halo, (un)substituted alk(en)ynyl, alkoxy, cycloalkyl, phenyl; or R2, R3 = jointly alkylene; W = O, S, SO2, NR7; R7 = H, alkyl; m = 1-4; n = 0-4; with the proviso that at least one of the Ar1 and Ar2 is a heteraryl; and with the addnl. proviso that Ar1 and Ar2 are not simultaneously pyridyl, Ar1 is not pyridyl if Ar2 is Ph, and Ar2 is not pyridyl if Ar1 is phenyl; and their salts and enantiomers] were

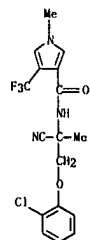
L4 ANSWER 15 OF 29 CAPLUS COPYRIGHT 2008 ACS ON STN (Continued)



RN 608519-44-4 CAPLUS
 CN 2-Benzofurancarboxamide, N-[1-cyano-1-methyl-2-(2-(trifluoromethyl)phenoxy)ethyl]- (CA INDEX NAME)



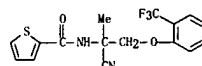
RN 608519-45-5 CAPLUS
 CN 1H-Pyrrole-3-carboxamide, N-[2-(2-chlorophenoxy)-1-cyano-1-methylethyl]-1-methyl-4-(trifluoromethyl)- (CA INDEX NAME)



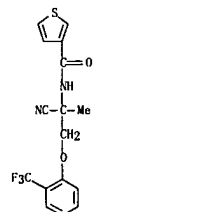
RN 608519-46-6 CAPLUS
 CN 2-Thiophenecarboxamide, N-[1-cyano-1-methyl-2-(2-(trifluoromethyl)phenoxy)ethyl]- (CA INDEX NAME)

L4 ANSWER 15 OF 29 CAPLUS COPYRIGHT 2008 ACS ON STN (Continued)
 prepd. as pesticides. I are particularly suitable for controlling parasites in warm-blooded animals. For example, II was prepd. by reaction of 5,7-dichloro-8-hydroxyquinoline with chloroacetone in acetone in the presence of K2CO3/KCl at reflux for 18 h, reaction with KCN in 25% aq. ammonia soln. in the presence of NH4Cl at room temp. for 2 days, followed by the acylation of the cyanoamine with 4-trifluoromethylbenzoic acid in NEt3/Pr2DMAP/N-(3-dimethylaminopropyl)-N'-ethylcarbodiimide hydrochloride at room temp. for 18 h. II by peroral administration to Mongolian gerbils gave a significant reduct. in Haemonchus contortus infestation (no data).
 IT 608519-43-3, N-[1-cyano-1-[(5,7-dichloroquinolin-8-yloxy)methyl]ethyl]-4-(trifluoromethyl)benzamide 608519-44-4, N-[1-cyano-1-[(2-trifluoromethylphenoxy)methyl]ethyl]-2-benzofurancarboxamide 608519-45-5, N-[1-cyano-1-[(2-chlorophenoxy)methyl]ethyl]-1-methyl-4-(trifluoromethyl)-3-pyrrolecarboxamide 608519-46-6, N-[1-cyano-1-[(2-trifluoromethylphenoxy)methyl]ethyl]-2-thiophenecarboxamide 608519-47-7, N-[1-cyano-1-[(2-trifluoromethylphenoxy)methyl]ethyl]-3-thiophenecarboxamide 608519-48-8, N-[1-cyano-1-[(2-trifluoromethylphenoxy)methyl]ethyl]-2-pyrazinocarboxamide 608519-49-9, N-[1-cyano-1-[(2-trifluoromethylphenoxy)methyl]ethyl]-2-quinolinecarboxamide 608519-50-2, N-[1-cyano-1-[(2-trifluoromethylphenoxy)methyl]ethyl]-2-furancarboxamide 608519-51-3, N-[1-cyano-1-[(2-trifluoromethylphenoxy)methyl]ethyl]-4-methyl-2-thiophenecarboxamide 608519-52-4, N-[1-cyano-1-[(2-trifluoromethylphenoxy)methyl]ethyl]-4-chloro-2-thiophenecarboxamide 608519-53-5, N-[1-cyano-1-[(2-trifluoromethylphenoxy)methyl]ethyl]-3-chloro-2-thiophenecarboxamide 608519-54-6, N-[1-cyano-1-[(2-trifluoromethylphenoxy)methyl]ethyl]-1-benzothiophene-2-carboxamide 608519-55-7, N-[1-cyano-1-[(2-trifluoromethylphenoxy)methyl]ethyl]-3-chloro-benzothiophene-2-carboxamide 608519-56-8, N-[1-cyano-1-[(2-trifluoromethylphenoxy)methyl]ethyl]-3-quinolinecarboxamide 608519-57-9, N-[1-cyano-1-[(2-trifluoromethylphenoxy)methyl]ethyl]-4-quinolinecarboxamide 608519-58-0, N-[1-cyano-1-[(2-trifluoromethylphenoxy)methyl]ethyl]-7-trifluoromethyl-3-quinolinecarboxamide
 RL: AGR (Agricultural use); PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses) (parasiticide; preparation of amidocetonitriles as pesticides, in particular as parasiticides)
 RN 608519-43-3 CAPLUS
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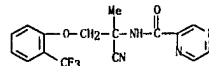
L4 ANSWER 15 OF 29 CAPLUS COPYRIGHT 2008 ACS ON STN (Continued)



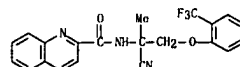
RN 608519-47-7 CAPLUS
 CN 3-Thiophenecarboxamide, N-[1-cyano-1-methyl-2-(2-(trifluoromethyl)phenoxy)ethyl]- (CA INDEX NAME)



RN 608519-48-8 CAPLUS
 CN Pyrazinocarboxamide, N-[1-cyano-1-methyl-2-(2-(trifluoromethyl)phenoxy)ethyl]- (9CI) (CA INDEX NAME)

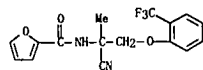


RN 608519-49-9 CAPLUS
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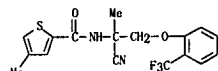


RN 608519-50-2 CAPLUS
 CN 2-Furancarboxamide, N-[1-cyano-1-methyl-2-(2-(trifluoromethyl)phenoxy)ethyl]- (CA INDEX NAME)

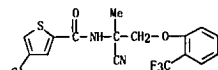
L4 ANSWER 15 OF 29 CAPLUS COPYRIGHT 2008 ACS ON STN (Continued)



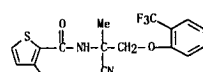
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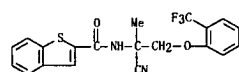
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CN 2-Thiophenecarboxamide, 4-chloro-N-[1-cyano-1-methyl-2-[2-(trifluoromethyl)phenoxy]ethyl]- (CA INDEX NAME)



RN 608519-53-5 CAPLUS
CN 2-Thiophenecarboxamide, 3-chloro-N-[1-cyano-1-methyl-2-[2-(trifluoromethyl)phenoxy]ethyl]- (CA INDEX NAME)



RN 608519-54-6 CAPLUS
CN Benzo[b]thiophene-2-carboxamide, N-[1-cyano-1-methyl-2-[2-(trifluoromethyl)phenoxy]ethyl]- (CA INDEX NAME)



RN 608519-55-7 CAPLUS
CN Benzo[b]thiophene-2-carboxamide, 3-chloro-N-[1-cyano-1-methyl-2-[2-(trifluoromethyl)phenoxy]ethyl]- (CA INDEX NAME)

L4 ANSWER 16 OF 29 CAPLUS COPYRIGHT 2008 ACS ON STN

AN 2003:570944 CAPLUS

DN 139:133350

TI Amidocetonitrile derivatives useful as parasitocides, and their

preparation, compositions, and use

IN Ducray, Pierre; Goebel, Thomas; Fruechtel, Joerg; Bouvier, Jacques; Flum,

Gabriela

PA Novartis Ag, Switz.: Novartis Pharma GmbH

SO PCT Int. Appl., 50 pp.

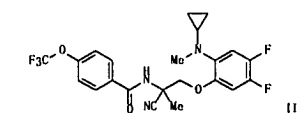
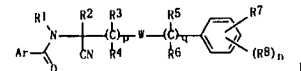
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DT Patent

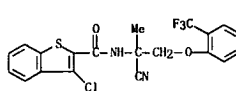
LA English

FAN CNT 1

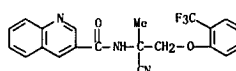
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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RW: AM, AZ, BY, BG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR				
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AU 2003202580	A1	20030730	AU 2003-202580	20030120
EP 1470103	A1	20041027	EP 2003-701531	20030120
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NZ 533964	A	20060224	NZ 2003-533964	20030120
ZA 2004003851	A	20050810	ZA 2004-3851	20040519
US 2005059736	A1	20050317	US 2004-501495	20040714
US 7153814	B2	20061226		
IN 2004CN01580	A	20060224	IN 2004-CN1580	20040716
MX 2004PA07048	A	20041011	MX 2004-PA7048	20040721
PRA1 CH 2002-97	A	20020121		
WO 2003-EP498	W	20030120		
OS MARPAT 139:133350				
GI				



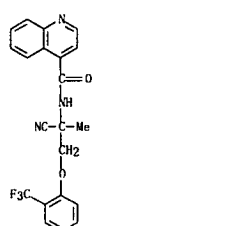
L4 ANSWER 15 OF 29 CAPLUS COPYRIGHT 2008 ACS ON STN (Continued)



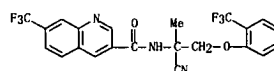
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CN 3-Quinolincarboxamide, N-[1-cyano-1-methyl-2-[2-(trifluoromethyl)phenoxy]ethyl]- (CA INDEX NAME)



RN 608519-57-9 CAPLUS
CN 4-Quinolincarboxamide, N-[1-cyano-1-methyl-2-[2-(trifluoromethyl)phenoxy]ethyl]- (CA INDEX NAME)



RN 608519-58-0 CAPLUS
CN 3-Quinolincarboxamide, N-[1-cyano-1-methyl-2-[2-(trifluoromethyl)phenoxy]ethyl]-7-(trifluoromethyl)- (CA INDEX NAME)

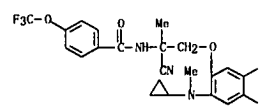


L4 ANSWER 16 OF 29 CAPLUS COPYRIGHT 2008 ACS ON STN (Continued)

AB The invention relates to compounds I [in which R1 = H, alkyl, haloalkyl, cyanoalkyl, alkoxyalkyl, or benzyl; R2, R3, R4, R5, R6 = H, halo, unsubstituted or mono- or polyhalogenated alk(en/yn)yl, (un)substituted alkoxy, haloalkoxy, cycloalkoxy, or phenyl; or R2R3 = C2-6 alkylene; R7 = (un)substituted cycloalkoxy, cycloalkylthio, or [cycloalkyl]R9N, in which the substituents are halo, alkyl, heteroalkyl, or heteroalkoxy; R8 = halo, NO2, cyano, (halo)alk(en)yl, (halo)alkoxy, alkynyl, cycloalkyl, alkenyl, haloalkenyl, alkythio, haloalkylthio, alkylsulfonyloxy, haloalkylsulfonyloxy, alkylsulfinyl, haloalkylsulfinyl, alkylsulfonyl, haloalkylsulfonyl, alkenylthio, haloalkenylthio, (un)substituted Ph, PhO, PhNH, PhCO, PhCH(OH), etc.; or R7R8 = C3-5 alkylene; Ar = (un)substituted Ph, heteroalkyl, naphthyl, or quinolyl (substituents as given for R7, R8); R9 = H, alkyl, haloalkyl, allyl, alkoxyalkyl, or COR10; R10 = alkyl, haloalkyl, or alkoxyalkyl; W = O, S, SO2, or N(R11); R11 = H or alkyl; p = 1, 2, 3, or 4; q = 0, 1, 2, 3, or 4; and n = 0-2; in which, if R7 = heteroalkoxy, the heteroalkoxy group in R7 is other than pyridyl; including enantiomers]. Compds. I have advantageous pesticidal properties, and are particularly suitable for controlling parasites in warm-blooded animals. A list of 120 possible specific compds. I is given, and one of these (II) is prepared and claimed per se. Claims include pharmaceutical and agrochem. compns., as well as use of I to control parasites. Thus, II was prepared in 6 steps: (1) Pd-catalyzed amination of 2-bromo-4,5-difluorophenol with cyclopropylamine; (2) N-methylation of the secondary amine product using NaH and MeI in DMF; (3) demethylation of the anisole methoxy group using BBr3; (4) etherification of the resultant phenol with chloroacetone using K2CO3 and KI; (5) amination of the ketone with NaCN and NH4Cl in aqueous NH3; and (6) amidation of the amino group with 4-(CF3)OC6H4COCl and DMAP in CH2Cl2. II was active against the nematodes Trichostrongylus colubriformis and Haemonchus contortus in Mongolian gerbils, by peroral administration at doses in the range of 0.01 to 100 mg/kg. Tests for action against various ecto- and endo-parasitic insects and acarids, namely *Lucilia sericata*, *Boophilus microplus*, *Amblyomma hebraeum*, *Dermanyssus gallinae*, and *Musca domestica*, are described. Preferred formulations include granules, tablets, boluses, injectables, and pour-ons.

IT 565470-08-SP, N-[2-Cyano-1-[2-(N-cyclopropyl-N-methylamino)-4,5-difluorophenoxy]prop-2-yl]-4-(trifluoromethoxy)benzamide
RI: AGR (Agricultural use); PAC (Pharmaceutical activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(parasiticide; preparation of aromatic amidocetonitrile derivs. as parasitocides)

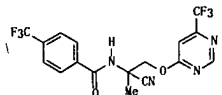
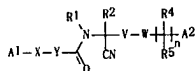
RN 565470-08-8 CAPLUS
CN Benzamide, N-[1-cyano-2-[2-(cyclopropylmethylamino)-4,5-difluorophenoxy]-1-methylethyl]-4-(trifluoromethoxy)- (CA INDEX NAME)



RE.CNT 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 17 OF 29 CAPLUS COPYRIGHT 2008 ACS ON STN
 AN 2003:42352 CAPLUS
 DN 138:106707
 TI Preparation of pesticidally active aminoacetonitriles
 IN Steiger, Arthur; Eberle, Martin; Renold, Peter; O'Sullivan, Anthony
 PA Syngenta Participations AG, Switz.
 SO PCT Int. Appl., 58 pp.
 COEN: PIXND2
 DT Patent
 LA English
 FAN CNT 1

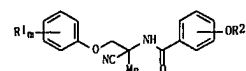
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2003004474	A1	20030116	WO 2002-EP7515	20020705
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, ME, MG, MN, MW, MX, MY, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2002325871	A1	20030121	AU 2002-325871	20020705
CH 2001-1251	A	20010706		
WO 2002-EP7515	W	20020705		
MARPAT 138:106707				
OS				
GI				



AB The title compds. [I]: A1, A2 = (un)substituted aryl or heteroaryl bonded via a ring carbon atom, X, V = a bond, alkylene, alkenylene, phenylene, etc.; R1 = H, alkyl, haloalkyl; R2 = alkyl, haloalkyl, alkoxyalkyl, etc.; V = alkylene, alkenylene, alkenylene, etc.; W = O, S, SO, SO2, NR3; R3 = H, alkyl, C(O)-alkyl, alkyl-O-alkyl; n = 0-1; when n = 1, R4, R5 = H, alkyl, haloalkyl; with the proviso(s) and their salts, useful in controlling pests, were prepared. Thus, amidation of 2-amino-3-hydroxy-2-methylpropionitrile with 4-trifluoromethylbenzoyl chloride followed by reacting the resulting amide with 4-chloro-6-trifluoromethylpyrimidine

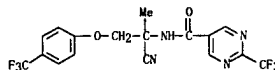
L4 ANSWER 18 OF 29 CAPLUS COPYRIGHT 2008 ACS ON STN
 AN 2002:97752 CAPLUS
 DN 138:33311
 TI Aminoacetonitrile derivatives as endoparasiticides
 IN Ducray, Pierre
 PA Novartis A.-G., Switz.; Novartis-Erfindungen Verwaltungsgesellschaft m. b. H.
 SO PCT Int. Appl., 31 pp.
 COEN: PIXND2
 DT Patent
 LA English
 FAN CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2002102155	A1	20021227	WO 2002-EP6589	20020614
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LT, LU, LV, MA, MD, ME, MG, MN, MW, MX, NZ, OM, PH, PL, PT, RO, RU, SE, SG, SI, SK, TJ, TM, TN, TR, TT, UA, UG, UZ, VN, YU, ZA, ZW				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR				
TW 236341	B	20050721	TW 2002-9112863	20020613
CA 2449854	A1	20021227	CA 2002-2449854	20020614
AU 2002345043	A1	20030102	AU 2002-345043	20020614
EP 1401277	A1	20040031	EP 2002-743200	20020614
EP 1401277	B1	20070627		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
BR 2002010926	A	20040608	BR 2002-10926	20020614
CN 1529652	A	20040915	CN 2002-614212	20020614
JP 2004530711	T	20041007	JP 2003-504752	20020614
NZ 530120	A	20050930	NZ 2002-530120	20020614
RU 2294640	C2	20070310	RU 2003-137564	20020614
AT 365455	T	20070715	AT 2002-743200	20020614
ES 2287289	T3	20071216	ES 2002-2743200	20020614
ZA 200300672	A	20040804	ZA 2003-9672	20031212
MX 2003PA11630	A	20040405	MX 2003-PA11630	20031215
IN 2003CN1997	A	20060106	IN 2003-CN1997	20031215
US 2004209950	A1	20041021	US 2004-480510	20040601
PRAI CH 2001-1085	A	20010615		
WO 2002-EP6589	W	20020614		
MARPAT 138:33311				
OS				
GI				



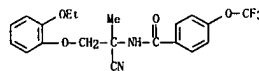
AB The aminoacetonitrile deriva. [I] [R1 = (halo)alkyl, (halo)alkoxy, halo; R2 = haloalkyl; n = 1, 2 or 3] control endoparasites, especially helminths, in warm-blooded productive livestock and domestic animals.
 IT 478932-58-0 478932-59-1 478932-60-4
 478932-61-5 478932-62-6 478932-63-7
 478932-64-8 478932-65-9 478932-66-0
 478932-67-1 478932-68-2
 RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

L4 ANSWER 17 OF 29 CAPLUS COPYRIGHT 2008 ACS ON STN (Continued)
 afforded [I] which showed an activity of more than 80% against Aphis craccivora Diabrotica balteata, Spodoptera littoralis and Tetranychus urticae.
 IT 487015-51-OP
 RL: AGR (Agricultural use); RSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (preparation of (hetero)aryloxymethyl substituted aminoacetonitriles as pesticides)
 RN 487015-51-0 CAPLUS
 CN 5-Pyrimidinecarboxamide, N-[1-cyano-1-methyl-2-[4-(trifluoromethyl)phenoxy]ethyl]-2-(trifluoromethyl)- (CA INDEX NAME)

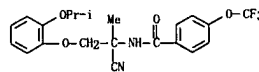


RE CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

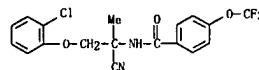
L4 ANSWER 18 OF 29 CAPLUS COPYRIGHT 2008 ACS ON STN (Continued)
 (aminoacetonitrile derivs. as endoparasiticides)
 RN 478932-58-0 CAPLUS
 CN Benzamide, N-[1-cyano-2-(2-ethoxyphenoxy)-1-methylethyl]-4-(trifluoromethoxy)- (CA INDEX NAME)



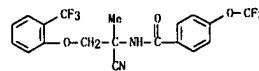
RN 478932-59-1 CAPLUS
 CN Benzamide, N-[1-cyano-1-methyl-2-[2-(1-methylethoxy)phenoxy]ethyl]-4-(trifluoromethoxy)- (CA INDEX NAME)



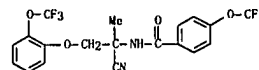
RN 478932-60-4 CAPLUS
 CN Benzamide, N-[2-(2-chlorophenoxy)-1-cyano-1-methylethyl]-4-(trifluoromethoxy)- (CA INDEX NAME)



RN 478932-61-5 CAPLUS
 CN Benzamide, N-[1-cyano-1-methyl-2-[2-(trifluoromethyl)phenoxy]ethyl]-4-(trifluoromethoxy)- (CA INDEX NAME)

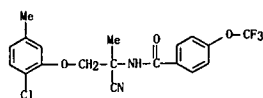


RN 478932-62-6 CAPLUS
 CN Benzamide, N-[1-cyano-1-methyl-2-[2-(trifluoromethoxy)phenoxy]ethyl]-4-(trifluoromethoxy)- (CA INDEX NAME)

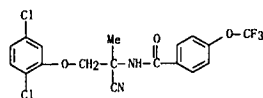


RN 478932-63-7 CAPLUS
 CN Benzamide, N-[2-(2-chloro-5-methylphenoxy)-1-cyano-1-methylethyl]-4-(trifluoromethoxy)- (CA INDEX NAME)

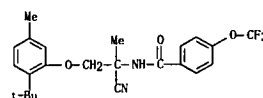
L4 ANSWER 18 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



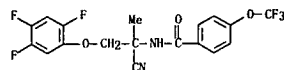
RN 478932-64-8 CAPLUS
CN Benzanide, N-[1-cyano-2-(2,5-dichlorophenoxy)-1-methylethyl]-4-(trifluoromethoxy)- (CA INDEX NAME)



RN 478932-65-9 CAPLUS
CN Benzanide, N-[1-cyano-2-(2-(1,1-dimethylethyl)-5-methylphenoxy)-1-methylethyl]-4-(trifluoromethoxy)- (CA INDEX NAME)

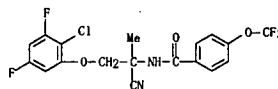


RN 478932-66-0 CAPLUS
CN Benzanide, N-[1-cyano-2-(2-(4,5-trifluorophenoxy)ethyl)-1-methylethyl]-4-(trifluoromethoxy)- (CA INDEX NAME)

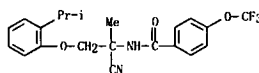


RN 478932-67-1 CAPLUS
CN Benzanide, N-[2-(2-chloro-3,5-difluorophenoxy)-1-cyano-1-methylethyl]-4-(trifluoromethoxy)- (CA INDEX NAME)

L4 ANSWER 18 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



RN 478932-68-2 CAPLUS
CN Benzanide, N-[1-cyano-1-methyl-2-[2-(1-methylethyl)phenoxy]ethyl]-4-(trifluoromethoxy)- (CA INDEX NAME)



RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 19 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN

AN 2002:964345 CAPLUS
DN 138:24952
TI Preparation of novel amino nitriles useful as reversible inhibitors of cysteine proteases
IN Hickey, Eugene R.; Bekkali, Younes; Patel, Usha R.; Spero, Denise M.; Thomson, David S.; Young, Erick R. R.
PA Boehringer Ingelheim Pharmaceuticals, Inc., USA
SO PCT Int. Appl., 223 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN CNT 1

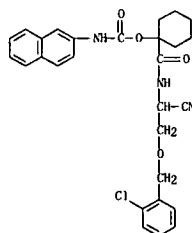
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2002100849	A2	20021219	WO 2002-US17590	20020605
WO 2002100849	A3	20031016		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MY, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
US 2003119827	A1	20030626	US 2002-163015	20020604
US 6982263	B2	20060103		
CA 2449192	A1	20021219	CA 2002-2449192	20020605
AU 2002314898	A1	20021223	AU 2002-314898	20020605
EP 1399431	A2	20040324	EP 2002-741825	20020605
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			
JP 2005501017	T	20050113	JP 2003-503617	20020605
MX 2003PA11113	A	20040319	MX 2003-PA11113	20031203
PRAI US 2002-296863P	P	20010608		
WO 2002-US17590	W	20020605		
OS MARPAT 138:24952				

AB Novel nitrile compds. YC02CR2R3C(:X)NR6CR4R5CN [Y = R1, R10, R1S, R12N, R13C, where R1 = H, (un)substituted (cyclo)alkyl, aryl, benzyl, tetrahydronaphthyl, indenyl, indanyl, alkylsulfonylalkyl, cycloalkylsulfonylalkyl, arylsulfonylalkyl, heterocyclyl, or heteroaryl; R2-R5 = H, (un)substituted (cyclo)alkyl, aryl, etc. or CR2R3 and CR4R5 may form rings; R6 = H, OH, or (cyclo)alkyl; X = O or S (with proviso)] or their pharmaceutically-acceptable deriva. were prepared as reversible inhibitors of cysteine proteases such as cathepsin K, S, F, L and B for treating diseases and pathol. conditions exacerbated by those proteases such as osteoporosis, rheumatoid arthritis, multiple sclerosis, asthma and other autoimmune diseases, Alzheimer's disease, and atherosclerosis. Thus, morpholine-4-carboxylic acid 1-[[[benzyloxymethyl]cyanomethyl]carbamoyl]-3-methylbutyl ester was prepared from N-(tert-butoxycarbonyl)-O-benzyl-L-serine, 2-hydroxyisocaproic acid, and 4-morpholinecarbonyl chloride.

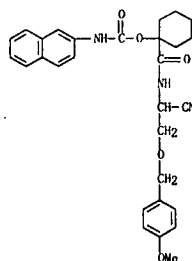
IT 478280-17-OP 478280-18-1P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(Preparation of novel amino nitriles as reversible inhibitors of cysteine proteases)

RN 478280-17-0 CAPLUS
CN Carbamic acid, 2-naphthalenyl-, 1-[[[2-(2-chlorophenyl)methoxy]-1-cyanoethyl]amino]carbonyl]cyclohexyl ester (9C1) (CA INDEX NAME)

L4 ANSWER 19 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



RN 478280-18-1 CAPLUS
CN Carbamic acid, 2-naphthalenyl-, 1-[[[2-(2-chlorophenyl)methoxy]-1-cyanoethyl]amino]carbonyl]cyclohexyl ester (9C1) (CA INDEX NAME)



L4 ANSWER 20 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN

AN 2002:888695 CAPLUS

DN 137:384655

T1 Preparation of benzamidoacetonitriles for controlling parasites

IN Ducray, Pierre; Bouvier, Jacques; Keller, Matthias; Bergamin, Corina

PA Novartis AG, Switz.; Novartis-Erfindungen-Verwaltungsgesellschaft m.b.H.;

Novartis Pharma GmbH

SD PCT Int. Appl., 81 pp.

CODEN: PIXX2

DT Patent:

LA English

FAN CNT 1

PATENT NO.

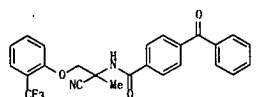
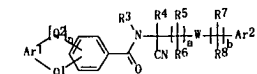
KIND

DATE

APPLICATION NO.

DATE

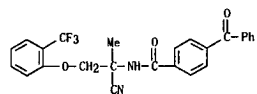
PI	WO 2002092552	A2	20021121	WO 2002-EP5294	20020514
	WO 2002092552	A3	20031211		
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	RW:	AM, AZ, BY, BG, KZ, MD, RU, TJ, TM, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR			
	CA 2447084	A1	20021121	CA 2002-2447084	20020514
	AU 2002316903	A1	20021125	AU 2002-316903	20020514
	EP 1390344	A2	20040225	EP 2002-745292	20020514
	EP 1390344	B1	20061227		
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	BR 200209828	A	20040615	BR 2002-9828	20020514
	CN 1531525	A	20040922	CN 2002-811935	20020514
	JP 2004539451	T	20041104	JP 2002-589438	20020514
	NZ 529368	A	20050624	NZ 2002-529368	20020514
	RU 2284990	C2	20061010	RU 2003-134179	20020514
	AT 349421	T	20070115	AT 2002-745292	20020514
	ZA 200308592	A	20040903	ZA 2003-8592	20031104
	IN 2003CN01783	A	20060106	IN 2003-CN1783	20031113
	MX 2003PA10404	A	20040309	MX 2003-PA10404	20031114
	US 2004220055	A1	20041104	US 2004-477289	20040601
PRA1	CH 2001-919	A	20010515		
	WO 2002-EP5294	W	20020514		
OS	WARPAT 137:384655				
G1					



L4 ANSWER 20 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN

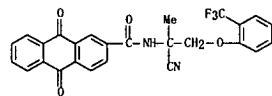
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CN Benzamide, 4-benzoyl-N-[1-cyano-1-methyl-2-[2-(trifluoromethyl)phenoxy]ethyl]- (CA INDEX NAME)



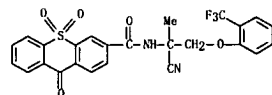
RN 476013-58-8 CAPLUS

CN 2-Anthracenecarboxamide, N-[1-cyano-1-methyl-2-[2-(trifluoromethyl)phenoxy]ethyl]-9,10-dihydro-9,10-dioxo- (CA INDEX NAME)



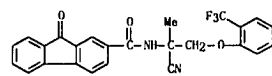
RN 476013-59-9 CAPLUS

CN 9H-Thioxanthene-3-carboxamide, N-[1-cyano-1-methyl-2-[2-(trifluoromethyl)phenoxy]ethyl]-9-oxo-, 10,10-dioxide (CA INDEX NAME)



RN 476013-60-2 CAPLUS

CN 9H-Fluorene-2-carboxamide, N-[1-cyano-1-methyl-2-[2-(trifluoromethyl)phenoxy]ethyl]-9-oxo- (CA INDEX NAME)



RN 476013-62-4 CAPLUS

CN Benzamide, N-[1-cyano-1-methyl-2-[2-(trifluoromethyl)phenoxy]ethyl]-4-(hydroxyphenylmethyl)- (CA INDEX NAME)

L4 ANSWER 20 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

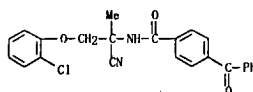
AB The title compds. [I: Ar1, Ar2 = (un)substituted Ph, OPPh, phenylacetylenyl, etc.; Q1 = CH2, OCH2, S, SO, SO2, CO; Q2 = a bond, CO; R3 = H, alkyl, haloalkyl, etc.; R4-R8 = H, halo, alkyl, etc.; or R4 and R5 together = alkylene; W = O, S, SO2, NH, Nalkyl; a = 1-4; b = 0-4; n = 0-1] which have advantageous pesticidal properties, and are especially suitable for controlling parasites in warm-blooded animals (also humans), were prepared and formulated. Thus, amidation of benzophenone-4-carboxylic acid with 2-amino-2-methyl-3-(2-trifluoromethylphenoxy)propionitrile afforded II which showed a 100% reduction in Trichostrongylus infestation at 32 mg/kg.

IT 476013-54-4P 476013-55-5P 476013-56-6P
476013-57-7P 476013-58-8P 476013-59-9P
476013-60-2P 476013-62-4P 476013-63-5P
476013-64-6P 476013-65-7P 476013-66-8P
476013-67-9P

RL: AGR (Agricultural use): BSU (Biological study, unclassified): PAC (Pharmacological activity): SPN (Synthetic preparation): THU (Therapeutic use): BIOL (Biological study): PREP (Preparation): USES (Uses) (Preparation of benzamidoacetonitriles for controlling parasites)

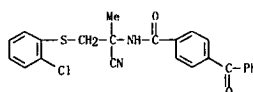
RN 476013-54-4 CAPLUS

CN Benzamide, 4-benzoyl-N-[2-(2-chlorophenoxy)-1-cyano-1-methylethyl]- (CA INDEX NAME)



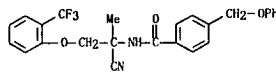
RN 476013-55-5 CAPLUS

CN Benzamide, 4-benzoyl-N-[2-(2-chlorophenyl)thio]-1-cyano-1-methylethyl]- (CA INDEX NAME)



RN 476013-56-6 CAPLUS

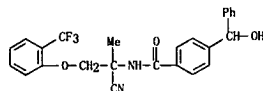
CN Benzamide, N-[1-cyano-1-methyl-2-[2-(trifluoromethyl)phenoxy]ethyl]-4-(phenoxyethyl)- (CA INDEX NAME)



RN 476013-57-7 CAPLUS

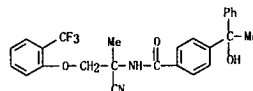
L4 ANSWER 20 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

L4 ANSWER 20 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



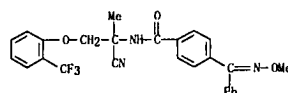
RN 476013-63-5 CAPLUS

CN Benzamide, N-[1-cyano-1-methyl-2-[2-(trifluoromethyl)phenoxy]ethyl]-4-(1-hydroxy-1-phenylethyl)- (CA INDEX NAME)



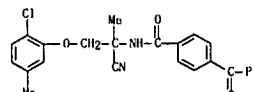
RN 476013-64-6 CAPLUS

CN Benzamide, N-[1-cyano-1-methyl-2-[2-(trifluoromethyl)phenoxy]ethyl]-4-[(methoxyimino)phenylmethyl]- (CA INDEX NAME)



RN 476013-65-7 CAPLUS

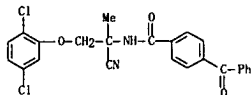
CN Benzamide, 4-benzoyl-N-[2-(2-chloro-5-methylphenoxy)-1-cyano-1-methylethyl]- (CA INDEX NAME)



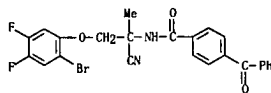
RN 476013-66-8 CAPLUS

CN Benzamide, 4-benzoyl-N-[1-cyano-2-(2,5-dichlorophenoxy)-1-methylethyl]- (CA INDEX NAME)

L4 ANSWER 20 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

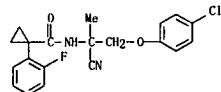


RN 476013-67-9 CAPLUS
 CN Benzamide, 4-(benzoyl)-N-[2-(2-bromo-4,5-difluorophenoxy)-1-cyano-1-methylethyl]- (CA INDEX NAME)



L4 ANSWER 21 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 247197-57-5 CAPLUS
 CN Cyclopropanecarboxamide, N-[2-(4-chlorophenoxy)-1-cyano-1-methylethyl]-1-(2-fluorophenyl)- (CA INDEX NAME)



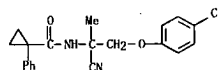
RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 21 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN

AN 2002:594606 CAPLUS
 DN 137:135058
 TI Pharmaceutical composition containing aminocetonitrile compounds for control of endoparasitic pests in animals
 IN Ducray, Pierre; Bouvier, Jacques
 PA Novartis Ag, Switz.; Novartis-Erfindungen Verwaltungsgesellschaft M.B.H.
 SO PCT Int. Appl., 36 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN, CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2002060257	A1	20020808	WO 2002-EP568	20020121
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LT, LU, LV, MA, MD, ME, MN, MX, NO, NZ, OM, PH, PL, PT, RO, RU, SE, SG, SI, SK, TJ, TM, TN, TR, TT, UA, US, UZ, VN, YU, ZA, ZW				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR				
CA 2429493	A1	20020808	CA 2002-2429493	20020121
AU 2002250841	A1	20020812	AU 2002-250841	20020121
EP 1367891	A1	20031210	EP 2002-71911	20020121
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BR 2002006576	A	20031216	BR 2002-6576	20020121
JP 2004524299	T	20040812	JP 2002-560463	20020121
NZ 525574	A	20050930	NZ 2002-525574	20020121
RU 2282357	C2	20060827	RU 2003-124076	20020121
ZA 2003004017	A	20040709	ZA 2003-4017	20030523
US 2004044074	A1	20040304	US 2003-466824	20030721
US 7052707	B2	20060530		
IN 2003CN01117	A	20050422	IN 2003-CN117	20030721
MX 2003PA06526	A	20030922	MX 2003-PA6526	20030722
US 2004063766	A1	20040401	US 2003-677972	20031002
US 7063856	B2	20060620		
PRA1 CH 2001-97	A	20010122		
WO 2002-EP568	W	20020121		
US 2003-466824	A3	20030721		

OS MARPAT 137:135058
 AB Aminocetonitrile compds. (Ar1) (R1) (R2)CC(:O)N(R3)C(R4) (CN)CH(R5)OAr2 (Markush included) are used to control of endoparasites, especially helminths, in warm-blooded productive livestock and domestic animals.
 IT 247197-15-5 247197-57-5
 RL: BSU (Biological study, unclassified); PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses) (pharmaceutical antiparasitic composition containing)
 RN 247197-15-5 CAPLUS
 CN Cyclopropanecarboxamide, N-[2-(4-chlorophenoxy)-1-cyano-1-methylethyl]-1-phenyl- (CA INDEX NAME)

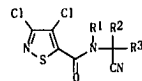


L4 ANSWER 22 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN

AN 2002:504769 CAPLUS
 DN 137:78946
 TI Preparation of isothiazolecarboxamides as agrochem. microbicides
 IN Kitagawa, Yoshinori; Sawada, Haruko; Aszmann, Lutz
 PA Nihon Bayer Agrochem K.K., Japan
 SO PCT Int. Appl., 29 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN, CNT 1

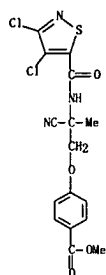
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2002051822	A2	20020704	WO 2001-EP14447	20011210
WO 2002051822	A3	20021010		
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RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
JP 2002183956	A	20020710	JP 2000-390318	20001222
AU 2002216086	A1	20020708	AU 2002-216086	20011210
PRA1 JP 2000-390318	A	20001222		
WO 2001-EP14447	W	20011210		

OS MARPAT 137:78946
 GI



AB The title compds. [1: R1 = H, cyanomethyl; R2 = H, Me; R3 = H, alkyl, methoxycarbonylphenoxyethyl; provided that R1, R2 and R3 are not simultaneously a hydrogen atom] which are useful in agriculture and horticulture, particularly as fungicides, were prepared. Thus, reacting 3,4-dichloroisothiazole-5-carbonyl chloride with l-cyanocinnamine in the presence of Et3N in CH2Cl2 afforded 1 [R1, R2 = H; R3 = n-C7H15] which showed control values of more than 90% against Pyricularia oryzae at 500 ppm.
 IT 439898-30-3P
 RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses) (preparation of isothiazolecarboxamides as agrochem. microbicides)
 RN 439898-30-3 CAPLUS
 CN Benzoic acid, 4-[2-cyano-2-[[3,4-dichloro-5-isothiazolyl]carbonyl]amino]propoxy]-, methyl ester (CA INDEX NAME)

L4 ANSWER 22 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



L4 ANSWER 23 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN

AN 2002:48795 CAPLUS
 DN 137:52407
 TI Aminoacetonitrile compounds and their formulations as parasitocides
 IN Ducray, Pierre; Bouvier, Jacques
 PA Novartis Ag, Switz.; Novartis-Erfindungen Verwaltungsgesellschaft m.b.H.;
 Novartis Pharma GmbH
 SO PCT Int. Appl., 38 pp.
 COBEN: PIXX02

DT Patent
 LA English
 FA. CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2002049641	A2	20020627	WO 2001-EP14926	20011218
WO 2002049641	A3	20031204		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LT, LU, LV, MA, MD, MK, MN, MX, NO, NZ, OM, PH, PL, PT, RO, RU, SE, SG, SI, SK, TJ, TM, TN, TR, UA, US, UZ, VN, YU, ZA, ZW				
RW: AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR				
CA 2432388	A1	20020627	CA 2001-2432388	20011218
AU 200234588	A	20020701	AU 2002-34588	20011218
EP 1392281	A2	20040303	EP 2001-985421	20011218
EP 1392281	B1	20070221		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
BR 2001016326	A	20040706	BR 2001-16326	20011218
JP 2004521097	T	20040715	JP 2002-550981	20011218
CN 1531426	A	20040922	CN 2001-821015	20011218
NZ 526538	A	20051223	NZ 2001-526538	20011218
RU 2286775	C2	20061110	RU 2003-122196	20011218
AT 354360	T	20070315	AT 2001-985421	20011218
ES 2281453	T3	20071001	ES 2001-1985421	20011218
ZA 2003004331	A	20040428	ZA 2003-4331	20030606
US 2004082624	A1	20040429	US 2003-433811	20030606
MX 2003PA05701	A	20031006	MX 2003-PA5701	20030620
PRAI CH 2000-2489	A	20001220		
WO 2001-EP14926	W	20011218		

OS MARPAT 137:52407

AB The invention relates to the use of aminoacetonitrile compds. in the control of endoparasites, especially helminths, in warm-blooded productive livestock and domestic animals. Delivery systems for these parasitocides are described, such as granules that can be mixed with animal feed. For example, a dust-free coated granules were prepared by mixing an aminoacetonitrile active ingredient 3%, polyethylene glycol 3%, and kaolin 9%.

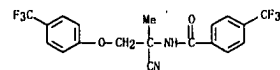
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L4 ANSWER 23 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

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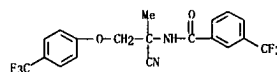
RL: PAC (Pharmacological activity): THU (Therapeutic use): BIOL (Biological study): USES (Uses)
 (aminoacetonitrile compds. and their formulations as parasitocides for domestic animals and livestock)

RN 247199-20-8 CAPLUS
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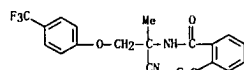


L4 ANSWER 23 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

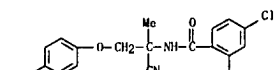
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 CN Benzamide, N-[1-cyano-1-methyl-2-[4-(trifluoromethyl)phenoxy]ethyl]-3-(trifluoromethyl)- (CA INDEX NAME)



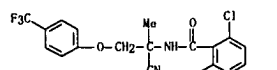
RN 247199-22-0 CAPLUS
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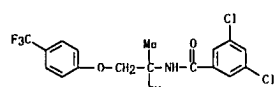
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 CN Benzamide, 2,4-dichloro-N-[1-cyano-1-methyl-2-[4-(trifluoromethyl)phenoxy]ethyl]- (CA INDEX NAME)



RN 247199-44-6 CAPLUS
 CN Benzamide, 2,6-dichloro-N-[1-cyano-1-methyl-2-[4-(trifluoromethyl)phenoxy]ethyl]- (CA INDEX NAME)

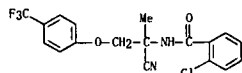


RN 247199-45-7 CAPLUS
 CN Benzamide, 3,5-dichloro-N-[1-cyano-1-methyl-2-[4-(trifluoromethyl)phenoxy]ethyl]- (CA INDEX NAME)

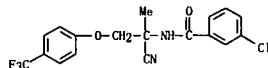


L4 ANSWER 23 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

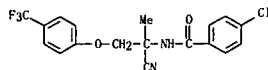
RN 247199-46-8 CAPLUS
 CN Benzanide, 2-chloro-N-[1-cyano-1-methyl-2-[4-(trifluoromethyl)phenoxy]ethyl]- (CA INDEX NAME)



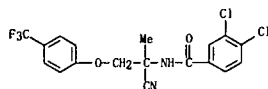
RN 247199-47-9 CAPLUS
 CN Benzanide, 3-chloro-N-[1-cyano-1-methyl-2-[4-(trifluoromethyl)phenoxy]ethyl]- (CA INDEX NAME)



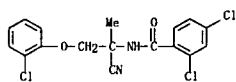
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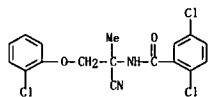
RN 247199-51-5 CAPLUS
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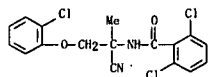
RN 247199-54-8 CAPLUS
 CN Benzanide, 2,5-dichloro-N-[1-cyano-1-methyl-2-[4-(trifluoromethyl)phenoxy]ethyl]- (CA INDEX NAME)



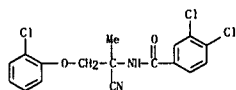
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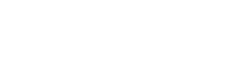
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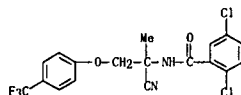
RN 438548-40-4 CAPLUS
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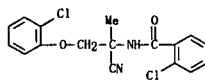
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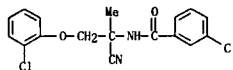
L4 ANSWER 23 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



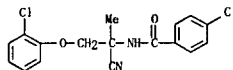
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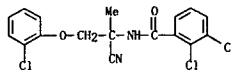
RN 438548-34-6 CAPLUS
 CN Benzanide, 3-chloro-N-[2-(2-chlorophenoxy)-1-cyano-1-methylethyl]- (CA INDEX NAME)



RN 438548-35-7 CAPLUS
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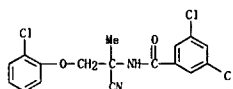


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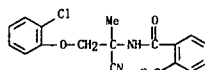


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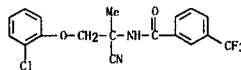
L4 ANSWER 23 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



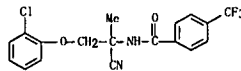
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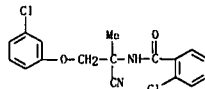
RN 438548-43-7 CAPLUS
 CN Benzanide, N-[2-(2-chlorophenoxy)-1-cyano-1-methylethyl]-3-(trifluoromethyl)- (CA INDEX NAME)



RN 438548-44-8 CAPLUS
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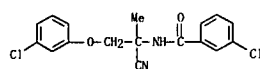


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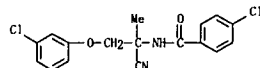


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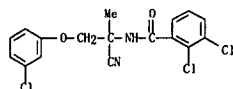
L4 ANSWER 23 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



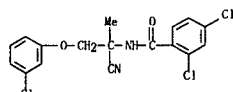
RN 438548-47-1 CAPLUS
CN Benzamide, 4-chloro-N-[2-(3-chlorophenoxy)-1-cyano-1-methylethyl]- (CA INDEX NAME)



RN 438548-48-2 CAPLUS
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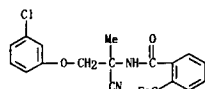


RN 438548-49-3 CAPLUS
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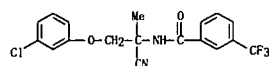


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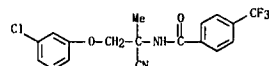
L4 ANSWER 23 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



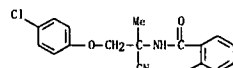
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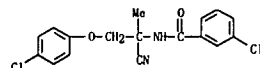
RN 438548-56-2 CAPLUS
CN Benzamide, N-[2-(3-chlorophenoxy)-1-cyano-1-methylethyl]-4-(trifluoromethyl)- (CA INDEX NAME)



RN 438548-57-3 CAPLUS
CN Benzamide, 2-chloro-N-[2-(4-chlorophenoxy)-1-cyano-1-methylethyl]- (CA INDEX NAME)

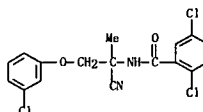


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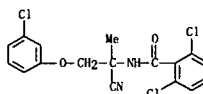


RN 438548-59-5 CAPLUS
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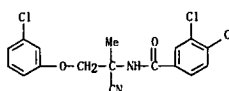
L4 ANSWER 23 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



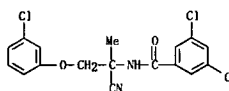
RN 438548-51-7 CAPLUS
CN Benzamide, 2,6-dichloro-N-[2-(3-chlorophenoxy)-1-cyano-1-methylethyl]- (CA INDEX NAME)



RN 438548-52-8 CAPLUS
CN Benzamide, 3,4-dichloro-N-[2-(3-chlorophenoxy)-1-cyano-1-methylethyl]- (CA INDEX NAME)

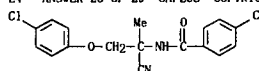


RN 438548-53-9 CAPLUS
CN Benzamide, N-[2-(3-chlorophenoxy)-1-cyano-1-methylethyl]-2-(trifluoromethyl)- (CA INDEX NAME)

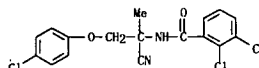


RN 438548-54-0 CAPLUS
CN Benzamide, N-[2-(3-chlorophenoxy)-1-cyano-1-methylethyl]-2-(trifluoromethyl)- (CA INDEX NAME)

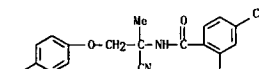
L4 ANSWER 23 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



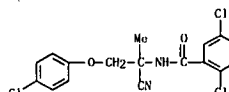
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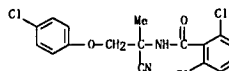
RN 438548-61-9 CAPLUS
CN Benzamide, 2,4-dichloro-N-[2-(4-chlorophenoxy)-1-cyano-1-methylethyl]- (CA INDEX NAME)



RN 438548-62-0 CAPLUS
CN Benzamide, 2,5-dichloro-N-[2-(4-chlorophenoxy)-1-cyano-1-methylethyl]- (CA INDEX NAME)

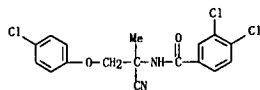


RN 438548-63-1 CAPLUS
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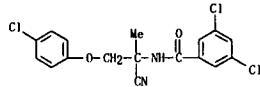


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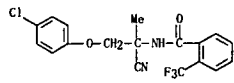
L4 ANSWER 23 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



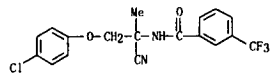
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(CA INDEX NAME)



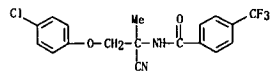
RN 438548-66-4 CAPLUS
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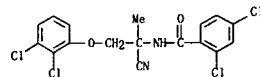
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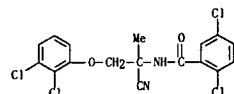
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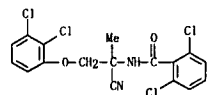
L4 ANSWER 23 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



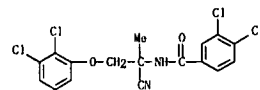
RN 438548-74-4 CAPLUS
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(CA INDEX NAME)



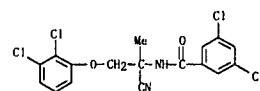
RN 438548-75-5 CAPLUS
CN Benzamide, 2,6-dichloro-N-[1-cyano-2-(2,3-dichlorophenoxy)-1-methylethyl]-
(CA INDEX NAME)



RN 438548-76-6 CAPLUS
CN Benzamide, 3,4-dichloro-N-[1-cyano-2-(2,3-dichlorophenoxy)-1-methylethyl]-
(CA INDEX NAME)

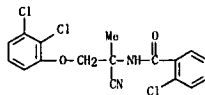


RN 438548-77-7 CAPLUS
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(CA INDEX NAME)

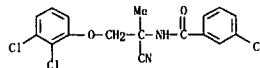


L4 ANSWER 23 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

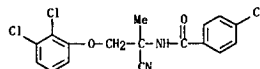
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CN Benzamide, 2-chloro-N-[1-cyano-2-(2,3-dichlorophenoxy)-1-methylethyl]-
(CA INDEX NAME)



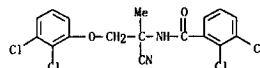
RN 438548-70-0 CAPLUS
CN Benzamide, 3-chloro-N-[1-cyano-2-(2,3-dichlorophenoxy)-1-methylethyl]-
(CA INDEX NAME)



RN 438548-71-1 CAPLUS
CN Benzamide, 4-chloro-N-[1-cyano-2-(2,3-dichlorophenoxy)-1-methylethyl]-
(CA INDEX NAME)



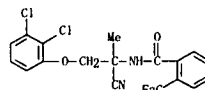
RN 438548-72-2 CAPLUS
CN Benzamide, 2,3-dichloro-N-[1-cyano-2-(2,3-dichlorophenoxy)-1-methylethyl]-
(CA INDEX NAME)



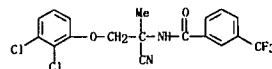
RN 438548-73-3 CAPLUS
CN Benzamide, 2,4-dichloro-N-[1-cyano-2-(2,3-dichlorophenoxy)-1-methylethyl]-
(CA INDEX NAME)

L4 ANSWER 23 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

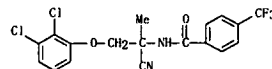
RN 438548-78-8 CAPLUS
CN Benzamide, N-[1-cyano-2-(2,3-dichlorophenoxy)-1-methylethyl]-2-(trifluoromethyl)- (CA INDEX NAME)



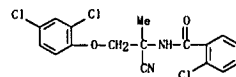
RN 438548-79-9 CAPLUS
CN Benzamide, N-[1-cyano-2-(2,3-dichlorophenoxy)-1-methylethyl]-3-(trifluoromethyl)- (CA INDEX NAME)



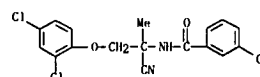
RN 438548-80-2 CAPLUS
CN Benzamide, N-[1-cyano-2-(2,3-dichlorophenoxy)-1-methylethyl]-4-(trifluoromethyl)- (CA INDEX NAME)



RN 438548-81-3 CAPLUS
CN Benzamide, 2-chloro-N-[1-cyano-2-(2,4-dichlorophenoxy)-1-methylethyl]-
(CA INDEX NAME)

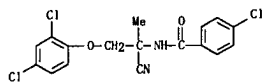


RN 438548-82-4 CAPLUS
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(CA INDEX NAME)

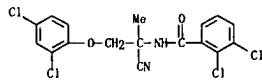


L4 ANSWER 23 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

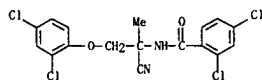
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 (CA INDEX NAME)



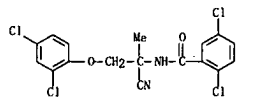
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 (CA INDEX NAME)



RN 438548-85-7 CAPLUS
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 (CA INDEX NAME)



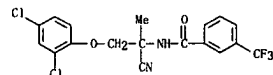
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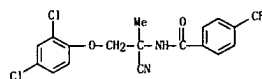
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 (CA INDEX NAME)



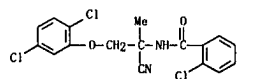
L4 ANSWER 23 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



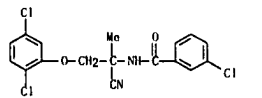
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 (trifluoromethyl)- (CA INDEX NAME)



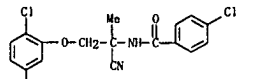
RN 438548-93-7 CAPLUS
 CN Benzamide, 2-chloro-N-[1-cyano-2-(2,5-dichlorophenoxy)-1-methylethyl]-
 (CA INDEX NAME)



RN 438548-94-8 CAPLUS
 CN Benzamide, 3-chloro-N-[1-cyano-2-(2,5-dichlorophenoxy)-1-methylethyl]-
 (CA INDEX NAME)

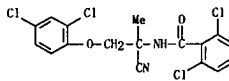


RN 438548-95-9 CAPLUS
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 (CA INDEX NAME)

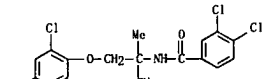


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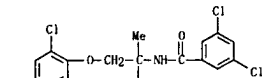
L4 ANSWER 23 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



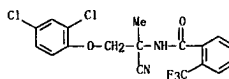
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 (CA INDEX NAME)



RN 438548-89-1 CAPLUS
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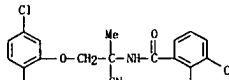


RN 438548-90-4 CAPLUS
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 (trifluoromethyl)- (CA INDEX NAME)

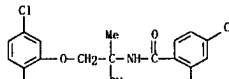


RN 438548-91-5 CAPLUS
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 (trifluoromethyl)- (CA INDEX NAME)

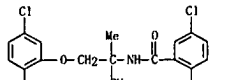
L4 ANSWER 23 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
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 (CA INDEX NAME)



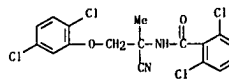
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RN 438548-98-2 CAPLUS
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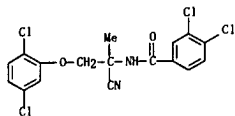


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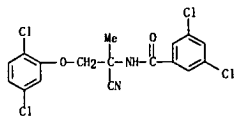


RN 438549-00-9 CAPLUS
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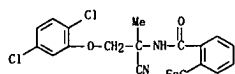
L4 ANSWER 23 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



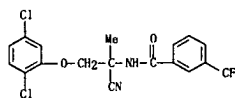
RN 438549-01-0 CAPLUS
CN Benzamide, 3,5-dichloro-N-[1-cyano-2-(2,5-dichlorophenoxy)-1-methylethyl]-
(CA INDEX NAME)



RN 438549-02-1 CAPLUS
CN Benzamide, N-[1-cyano-2-(2,5-dichlorophenoxy)-1-methylethyl]-2-(trifluoromethyl)- (CA INDEX NAME)

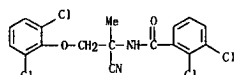


RN 438549-03-2 CAPLUS
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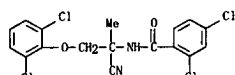


RN 438549-04-3 CAPLUS
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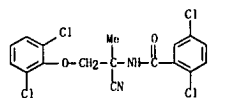
L4 ANSWER 23 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



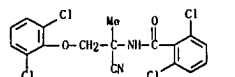
RN 438549-09-8 CAPLUS
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(CA INDEX NAME)



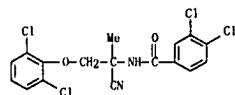
RN 438549-10-1 CAPLUS
CN Benzamide, N-[1-cyano-2-(2,6-dichlorophenoxy)-1-methylethyl]-2-(trifluoromethyl)- (CA INDEX NAME)



RN 438549-11-2 CAPLUS
CN Benzamide, N-[1-cyano-2-(2,6-dichlorophenoxy)-1-methylethyl]-3-(trifluoromethyl)- (CA INDEX NAME)

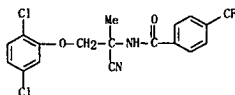


RN 438549-12-3 CAPLUS
CN Benzamide, N-[1-cyano-2-(2,6-dichlorophenoxy)-1-methylethyl]-4-(trifluoromethyl)- (CA INDEX NAME)

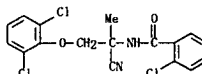


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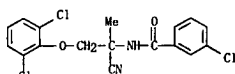
L4 ANSWER 23 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



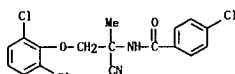
RN 438549-05-4 CAPLUS
CN Benzamide, 2-chloro-N-[1-cyano-2-(2,6-dichlorophenoxy)-1-methylethyl]-
(CA INDEX NAME)



RN 438549-06-5 CAPLUS
CN Benzamide, 3-chloro-N-[1-cyano-2-(2,6-dichlorophenoxy)-1-methylethyl]-
(CA INDEX NAME)

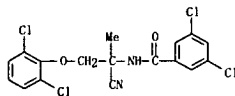


RN 438549-07-6 CAPLUS
CN Benzamide, 4-chloro-N-[1-cyano-2-(2,6-dichlorophenoxy)-1-methylethyl]-
(CA INDEX NAME)

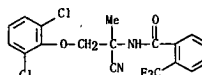


RN 438549-08-7 CAPLUS
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(CA INDEX NAME)

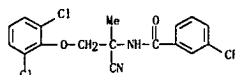
L4 ANSWER 23 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



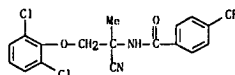
RN 438549-14-5 CAPLUS
CN Benzamide, N-[1-cyano-2-(2,6-dichlorophenoxy)-1-methylethyl]-2-(trifluoromethyl)- (CA INDEX NAME)



RN 438549-15-6 CAPLUS
CN Benzamide, N-[1-cyano-2-(2,6-dichlorophenoxy)-1-methylethyl]-3-(trifluoromethyl)- (CA INDEX NAME)

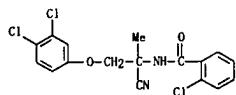


RN 438549-16-7 CAPLUS
CN Benzamide, N-[1-cyano-2-(2,6-dichlorophenoxy)-1-methylethyl]-4-(trifluoromethyl)- (CA INDEX NAME)

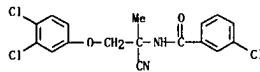


RN 438549-17-8 CAPLUS
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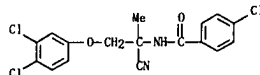
L4 ANSWER 23 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



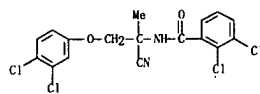
RN 438549-18-9 CAPLUS
CN Benzamide, 3-chloro-N-[(1-cyano-2-(3,4-dichlorophenoxy)-1-methylethyl)-
(CA INDEX NAME)



RN 438549-19-0 CAPLUS
CN Benzamide, 4-chloro-N-[(1-cyano-2-(3,4-dichlorophenoxy)-1-methylethyl)-
(CA INDEX NAME)

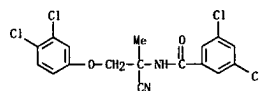


RN 438549-20-3 CAPLUS
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(CA INDEX NAME)

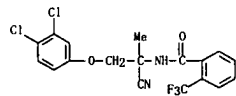


RN 438549-21-4 CAPLUS
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(CA INDEX NAME)

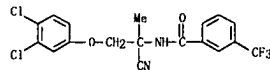
L4 ANSWER 23 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



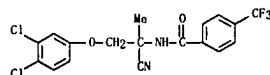
RN 438549-26-9 CAPLUS
CN Benzamide, N-[(1-cyano-2-(3,4-dichlorophenoxy)-1-methylethyl)-2-
(trifluoromethyl)- (CA INDEX NAME)



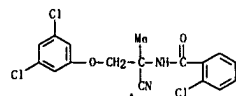
RN 438549-27-0 CAPLUS
CN Benzamide, N-[(1-cyano-2-(3,4-dichlorophenoxy)-1-methylethyl)-3-
(trifluoromethyl)- (CA INDEX NAME)



RN 438549-28-1 CAPLUS
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(trifluoromethyl)- (CA INDEX NAME)

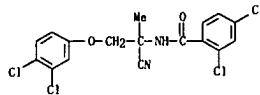


RN 438549-29-2 CAPLUS
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(CA INDEX NAME)

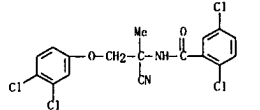


RN 438549-30-5 CAPLUS

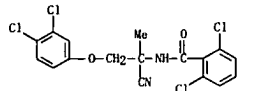
L4 ANSWER 23 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



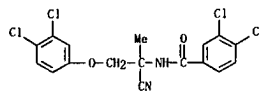
RN 438549-22-5 CAPLUS
CN Benzamide, 2,5-dichloro-N-[(1-cyano-2-(3,4-dichlorophenoxy)-1-methylethyl)-
(CA INDEX NAME)



RN 438549-23-6 CAPLUS
CN Benzamide, 2,6-dichloro-N-[(1-cyano-2-(3,4-dichlorophenoxy)-1-methylethyl)-
(CA INDEX NAME)

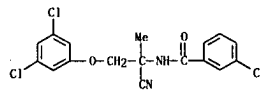


RN 438549-24-7 CAPLUS
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(CA INDEX NAME)

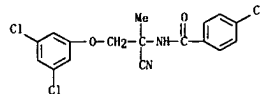


RN 438549-25-8 CAPLUS
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(CA INDEX NAME)

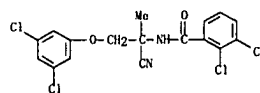
L4 ANSWER 23 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
CN Benzamide, 3-chloro-N-[(1-cyano-2-(3,5-dichlorophenoxy)-1-methylethyl)-
(CA INDEX NAME)



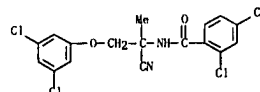
RN 438549-31-6 CAPLUS
CN Benzamide, 4-chloro-N-[(1-cyano-2-(3,5-dichlorophenoxy)-1-methylethyl)-
(CA INDEX NAME)



RN 438549-32-7 CAPLUS
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(CA INDEX NAME)

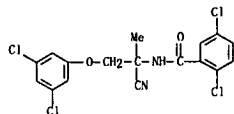


RN 438549-33-8 CAPLUS
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(CA INDEX NAME)

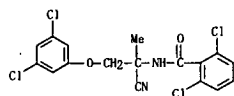


RN 438549-34-9 CAPLUS
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(CA INDEX NAME)

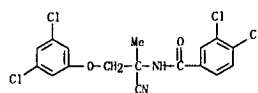
L4 ANSWER 23 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



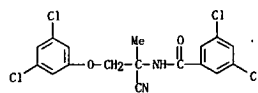
RN 438549-35-0 CAPLUS
CN Benzamide, 2,6-dichloro-N-[1-cyano-2-(3,5-dichlorophenoxy)-1-methylethyl]-
(CA INDEX NAME)



RN 438549-36-1 CAPLUS
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(CA INDEX NAME)

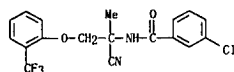


RN 438549-37-2 CAPLUS
CN Benzamide, 3,5-dichloro-N-[1-cyano-2-(3,5-dichlorophenoxy)-1-methylethyl]-
(CA INDEX NAME)

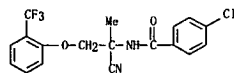


RN 438549-38-3 CAPLUS
CN Benzamide, N-[1-cyano-2-(3,5-dichlorophenoxy)-1-methylethyl]-2-
(trifluoromethyl)- (CA INDEX NAME)

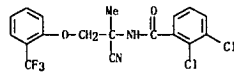
L4 ANSWER 23 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



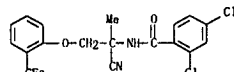
RN 438549-43-0 CAPLUS
CN Benzamide, 4-chloro-N-[1-cyano-1-methyl-2-[2-(trifluoromethyl)phenoxy]ethyl]-
(CA INDEX NAME)



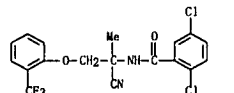
RN 438549-44-1 CAPLUS
CN Benzamide, 2,3-dichloro-N-[1-cyano-1-methyl-2-[2-(trifluoromethyl)phenoxy]ethyl]-
(CA INDEX NAME)



RN 438549-45-2 CAPLUS
CN Benzamide, 2,4-dichloro-N-[1-cyano-1-methyl-2-[2-(trifluoromethyl)phenoxy]ethyl]-
(CA INDEX NAME)

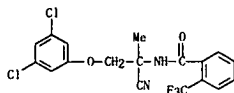


RN 438549-46-3 CAPLUS
CN Benzamide, 2,5-dichloro-N-[1-cyano-1-methyl-2-[2-(trifluoromethyl)phenoxy]ethyl]-
(CA INDEX NAME)

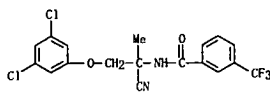


RN 438549-47-4 CAPLUS
CN Benzamide, 2,6-dichloro-N-[1-cyano-1-methyl-2-[2-(trifluoromethyl)phenoxy]ethyl]-
(CA INDEX NAME)

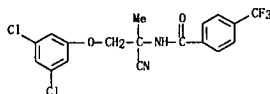
L4 ANSWER 23 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



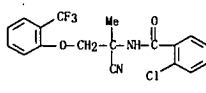
RN 438549-39-4 CAPLUS
CN Benzamide, N-[1-cyano-2-(3,5-dichlorophenoxy)-1-methylethyl]-3-
(trifluoromethyl)- (CA INDEX NAME)



RN 438549-40-7 CAPLUS
CN Benzamide, N-[1-cyano-2-(3,5-dichlorophenoxy)-1-methylethyl]-4-
(trifluoromethyl)- (CA INDEX NAME)

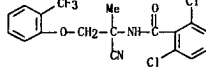


RN 438549-41-8 CAPLUS
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(CA INDEX NAME)

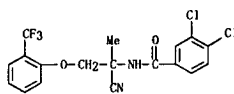


RN 438549-42-9 CAPLUS
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(CA INDEX NAME)

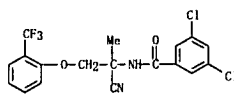
L4 ANSWER 23 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



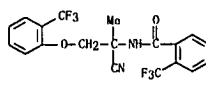
RN 438549-48-5 CAPLUS
CN Benzamide, 3,4-dichloro-N-[1-cyano-1-methyl-2-[2-(trifluoromethyl)phenoxy]ethyl]-
(CA INDEX NAME)



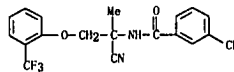
RN 438549-49-6 CAPLUS
CN Benzamide, 3,5-dichloro-N-[1-cyano-1-methyl-2-[2-(trifluoromethyl)phenoxy]ethyl]-
(CA INDEX NAME)



RN 438549-50-9 CAPLUS
CN Benzamide, N-[1-cyano-1-methyl-2-[2-(trifluoromethyl)phenoxy]ethyl]-2-
(trifluoromethyl)- (CA INDEX NAME)

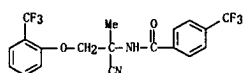


RN 438549-51-0 CAPLUS
CN Benzamide, N-[1-cyano-1-methyl-2-[2-(trifluoromethyl)phenoxy]ethyl]-3-
(trifluoromethyl)- (CA INDEX NAME)

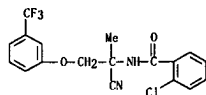


RN 438549-52-1 CAPLUS
CN Benzamide, N-[1-cyano-1-methyl-2-[2-(trifluoromethyl)phenoxy]ethyl]-4-
(trifluoromethyl)- (CA INDEX NAME)

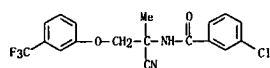
L4 ANSWER 23 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



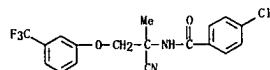
RN 438549-53-2 CAPLUS
CN Benzamide, 2-chloro-N-[1-cyano-1-methyl-2-[3-(trifluoromethyl)phenoxy]ethyl]- (CA INDEX NAME)



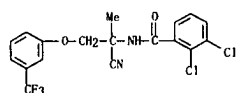
RN 438549-54-3 CAPLUS
CN Benzamide, 3-chloro-N-[1-cyano-1-methyl-2-[3-(trifluoromethyl)phenoxy]ethyl]- (CA INDEX NAME)



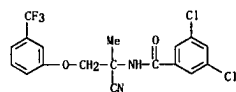
RN 438549-55-4 CAPLUS
CN Benzamide, 4-chloro-N-[1-cyano-1-methyl-2-[3-(trifluoromethyl)phenoxy]ethyl]- (CA INDEX NAME)



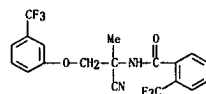
RN 438549-56-5 CAPLUS
CN Benzamide, 2,3-dichloro-N-[1-cyano-1-methyl-2-[3-(trifluoromethyl)phenoxy]ethyl]- (CA INDEX NAME)



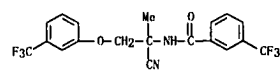
L4 ANSWER 23 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
CN Benzamide, 3,5-dichloro-N-[1-cyano-1-methyl-2-[3-(trifluoromethyl)phenoxy]ethyl]- (CA INDEX NAME)



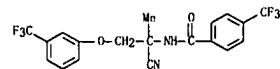
RN 438549-62-3 CAPLUS
CN Benzamide, N-[1-cyano-1-methyl-2-[3-(trifluoromethyl)phenoxy]ethyl]-2-(trifluoromethyl)- (CA INDEX NAME)



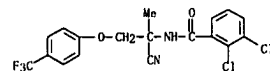
RN 438549-63-4 CAPLUS
CN Benzamide, N-[1-cyano-1-methyl-2-[3-(trifluoromethyl)phenoxy]ethyl]-3-(trifluoromethyl)- (CA INDEX NAME)



RN 438549-64-5 CAPLUS
CN Benzamide, N-[1-cyano-1-methyl-2-[3-(trifluoromethyl)phenoxy]ethyl]-4-(trifluoromethyl)- (CA INDEX NAME)



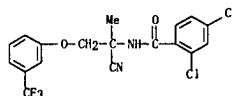
RN 438549-65-6 CAPLUS
CN Benzamide, 2,3-dichloro-N-[1-cyano-1-methyl-2-[4-(trifluoromethyl)phenoxy]ethyl]- (CA INDEX NAME)



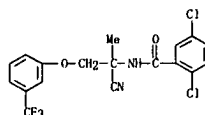
RN 438550-99-3 CAPLUS

L4 ANSWER 23 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

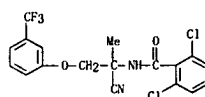
RN 438549-57-6 CAPLUS
CN Benzamide, 2,4-dichloro-N-[1-cyano-1-methyl-2-[3-(trifluoromethyl)phenoxy]ethyl]- (CA INDEX NAME)



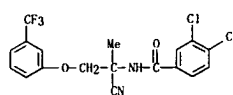
RN 438549-58-7 CAPLUS
CN Benzamide, 2,5-dichloro-N-[1-cyano-1-methyl-2-[3-(trifluoromethyl)phenoxy]ethyl]- (CA INDEX NAME)



RN 438549-59-8 CAPLUS
CN Benzamide, 2,6-dichloro-N-[1-cyano-1-methyl-2-[3-(trifluoromethyl)phenoxy]ethyl]- (CA INDEX NAME)

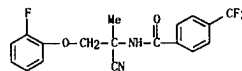


RN 438549-60-1 CAPLUS
CN Benzamide, 3,4-dichloro-N-[1-cyano-1-methyl-2-[3-(trifluoromethyl)phenoxy]ethyl]- (CA INDEX NAME)

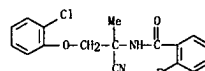


RN 438549-61-2 CAPLUS

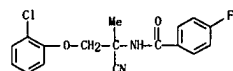
L4 ANSWER 23 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
CN Benzamide, N-[1-cyano-2-(2-fluorophenoxy)-1-methylethyl]-4-(trifluoromethyl)- (CA INDEX NAME)



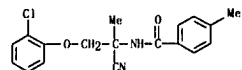
RN 438551-00-9 CAPLUS
CN Benzamide, N-[2-(2-chlorophenoxy)-1-cyano-1-methylethyl]-2-fluoro- (CA INDEX NAME)



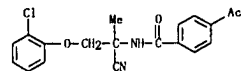
RN 438551-01-0 CAPLUS
CN Benzamide, N-[2-(2-chlorophenoxy)-1-cyano-1-methylethyl]-4-fluoro- (CA INDEX NAME)



RN 438551-02-1 CAPLUS
CN Benzamide, N-[2-(2-chlorophenoxy)-1-cyano-1-methylethyl]-4-methyl- (CA INDEX NAME)

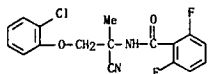


RN 438551-03-2 CAPLUS
CN Benzamide, 4-acetyl-N-[2-(2-chlorophenoxy)-1-cyano-1-methylethyl]- (CA INDEX NAME)

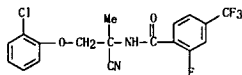


RN 438551-04-3 CAPLUS
CN Benzamide, N-[2-(2-chlorophenoxy)-1-cyano-1-methylethyl]-2,6-difluoro- (CA INDEX NAME)

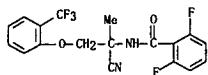
L4 ANSWER 23 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



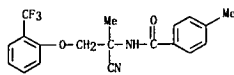
RN 438551-05-4 CAPLUS
 CN Benzanide, N-[2-(2-chlorophenoxy)-1-methylethyl]-2-fluoro-4-(trifluoromethyl)- (CA INDEX NAME)



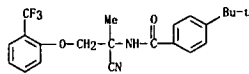
RN 438551-06-5 CAPLUS
 CN Benzanide, N-[1-cyano-1-methyl-2-[2-(trifluoromethyl)phenoxy]ethyl]-2,6-difluoro- (CA INDEX NAME)



RN 438551-07-6 CAPLUS
 CN Benzanide, N-[1-cyano-1-methyl-2-[2-(trifluoromethyl)phenoxy]ethyl]-4-methyl- (CA INDEX NAME)

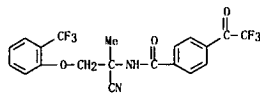


RN 438551-08-7 CAPLUS
 CN Benzanide, N-[1-cyano-1-methyl-2-[2-(trifluoromethyl)phenoxy]ethyl]-4-(1,1-dimethylethyl)- (CA INDEX NAME)

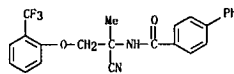


RN 438551-09-8 CAPLUS

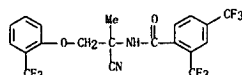
L4 ANSWER 23 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



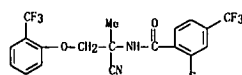
RN 438551-14-5 CAPLUS
 CN Benzanide, N-[1-cyano-1-methyl-2-[2-(trifluoromethyl)phenoxy]ethyl]-4-(1,1-dimethylethyl)- (CA INDEX NAME)



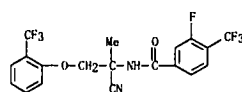
RN 438551-15-6 CAPLUS
 CN Benzanide, N-[1-cyano-1-methyl-2-[2-(trifluoromethyl)phenoxy]ethyl]-2,4-bis(trifluoromethyl)- (CA INDEX NAME)



RN 438551-17-8 CAPLUS
 CN Benzanide, N-[1-cyano-1-methyl-2-[2-(trifluoromethyl)phenoxy]ethyl]-2-fluoro-4-(trifluoromethyl)- (CA INDEX NAME)

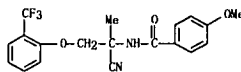


RN 438551-18-9 CAPLUS
 CN Benzanide, N-[1-cyano-1-methyl-2-[2-(trifluoromethyl)phenoxy]ethyl]-3-fluoro-4-(trifluoromethyl)- (CA INDEX NAME)

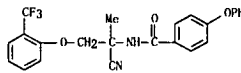


RN 438551-19-0 CAPLUS
 CN 3-Pyridinecarboxamide, 6-chloro-N-[1-cyano-1-methyl-2-[2-

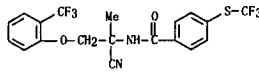
L4 ANSWER 23 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
 CN Benzanide, N-[1-cyano-1-methyl-2-[2-(trifluoromethyl)phenoxy]ethyl]-4-methoxy- (CA INDEX NAME)



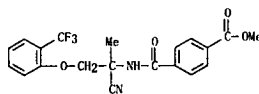
RN 438551-10-1 CAPLUS
 CN Benzanide, N-[1-cyano-1-methyl-2-[2-(trifluoromethyl)phenoxy]ethyl]-4-methoxy- (CA INDEX NAME)



RN 438551-11-2 CAPLUS
 CN Benzanide, N-[1-cyano-1-methyl-2-[2-(trifluoromethyl)phenoxy]ethyl]-4-methoxy- (CA INDEX NAME)

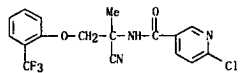


RN 438551-12-3 CAPLUS
 CN Benzoic acid, 4-[[[1-cyano-1-methyl-2-[2-(trifluoromethyl)phenoxy]ethyl]amino]carbonyl]-, methyl ester (CA INDEX NAME)

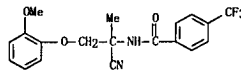


RN 438551-13-4 CAPLUS
 CN Benzanide, N-[1-cyano-1-methyl-2-[2-(trifluoromethyl)phenoxy]ethyl]-4-(trifluoroacetyl)- (9CT) (CA INDEX NAME)

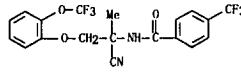
L4 ANSWER 23 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
 (trifluoromethyl)phenoxy]ethyl]- (CA INDEX NAME)



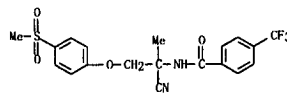
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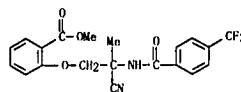
RN 438551-21-4 CAPLUS
 CN Benzanide, N-[1-cyano-1-methyl-2-[2-(trifluoromethyl)phenoxy]ethyl]-4-(trifluoroacetyl)- (CA INDEX NAME)



RN 438551-22-5 CAPLUS
 CN Benzanide, N-[1-cyano-1-methyl-2-[4-(methylsulfonyl)phenoxy]ethyl]-4-(trifluoroacetyl)- (CA INDEX NAME)

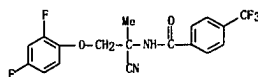


RN 438551-23-6 CAPLUS
 CN Benzoic acid, 2-[2-cyano-2-[[4-(trifluoromethyl)benzoyl]amino]propoxy]-, methyl ester (CA INDEX NAME)

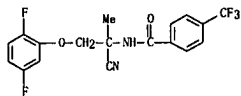


RN 438551-24-7 CAPLUS
 CN Benzanide, N-[1-cyano-2-(2,4-difluorophenoxy)-1-methylethyl]-4-

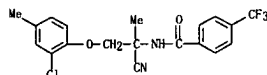
L4 ANSWER 23 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
(trifluoromethyl)- (CA INDEX NAME)



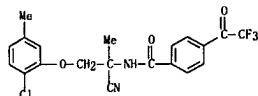
RN 438551-25-8 CAPLUS
CN Benzamide, N-[1-cyano-2-(2,5-difluorophenoxy)-1-methylethyl]-4-(trifluoromethyl)- (CA INDEX NAME)



RN 438551-26-9 CAPLUS
CN Benzamide, N-[2-(2-chloro-4-methylphenoxy)-1-cyano-1-methylethyl]-4-(trifluoromethyl)- (CA INDEX NAME)



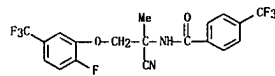
RN 438551-27-0 CAPLUS
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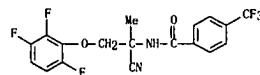
RN 438551-28-1 CAPLUS
CN Benzamide, N-[2-(2-chloro-5-methylphenoxy)-1-cyano-1-methylethyl]-4-(trifluoromethyl)- (CA INDEX NAME)

L4 ANSWER 23 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

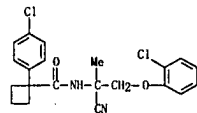
RN 438551-33-8 CAPLUS
CN Benzamide, N-[1-cyano-2-[2-fluoro-5-(trifluoromethyl)phenoxy]-1-methylethyl]-4-(trifluoromethyl)- (CA INDEX NAME)



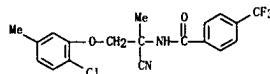
RN 438551-34-9 CAPLUS
CN Benzamide, N-[1-cyano-1-methyl-2-(2,3,6-trifluorophenoxy)ethyl]-4-(trifluoromethyl)- (CA INDEX NAME)



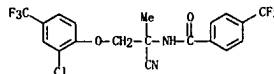
RN 438551-39-4 CAPLUS
CN Cyclobutanecarboxamide, N-[2-(2-chlorophenoxy)-1-cyano-1-methylethyl]-1-(4-chlorophenyl)- (CA INDEX NAME)



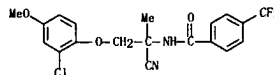
L4 ANSWER 23 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



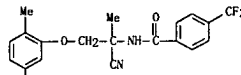
RN 438551-29-2 CAPLUS
CN Benzamide, N-[2-[2-chloro-4-(trifluoromethyl)phenoxy]-1-cyano-1-methylethyl]-4-(trifluoromethyl)- (CA INDEX NAME)



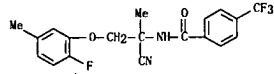
RN 438551-30-5 CAPLUS
CN Benzamide, N-[2-(2-chloro-4-methoxyphenoxy)-1-cyano-1-methylethyl]-4-(trifluoromethyl)- (CA INDEX NAME)



RN 438551-31-6 CAPLUS
CN Benzamide, N-[1-cyano-2-(2,5-dimethylphenoxy)-1-methylethyl]-4-(trifluoromethyl)- (CA INDEX NAME)



RN 438551-32-7 CAPLUS
CN Benzamide, N-[1-cyano-2-(2-fluoro-5-methylphenoxy)-1-methylethyl]-4-(trifluoromethyl)- (CA INDEX NAME)



L4 ANSWER 24 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN

AN 2001:851106 CAPLUS

DN 135:371998

TI Preparation of N-substituted peptidyl nitriles as cysteine cathepsin

inhibitors

IN Cowen, Scott Douglas; Greenspan, Paul David; McQuire, Leslie Wighton;

Tommasi, Ruben Alberto; Van Duzer, John Henry

PA Novartis A.-G., Switz.; Novartis-Erfindungen Verwaltungsgesellschaft

m.b.H.

SO PCT Int. Appl.. 69 pp.

CODEN: PIXXD2

DT Patent

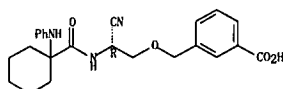
LA English

FAN CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2001087828	A1	20011122	WO 2001-EP5463	20010514
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CP, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GR, GD, GE, GH, GM, HR, HU, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MY, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
CA 2407463	A1	20011122	CA 2001-2407463	20010514
EP 1283825	A1	20030219	EP 2001-977958	20010514
EP 1283825	B1	20050914		
R: AT, BE, CH, DE, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
JP 200353506	T	20031111	JP 2001-584225	20010514
AT 304526	T	20050915	AT 2001-977958	20010514
ES 2249482	T3	20060401	ES 2001-1977958	20010514
US 2003158256	A1	20030821	US 2002-275583	20021107
US 6812237	B2	20041102		
PRAI US 2000-204217P	P	20000515		
WO 2001-EP5463	W	20010514		
OS MARPAT 135:371998				
AB Peptidyl nitriles R1NHC(R2)R3CONHC(R4)R5CN [R1 is (bi)aryl; R2 is (bi)aryl-lower alkyl, benzo-fused cycloalkyl, (bi)cycloalkyl-lower alkyl, aryl-lower alkyl, or aryl-C2-C7-alkyl in which C2-C7-alkyl is interrupted by Y (Y is O, S, SO, SO2, CO, NH or alkylimino); R3 is H or lower alkyl or R2 and R3 combined are C2-C7-alkylene or -alkylene interrupted by Y; R4 is H or lower alkyl; R5 is H, optionally substituted lower alkyl, (bi)aryl-lower alkyl, (bi)cycloalkyl-lower alkyl, aryl-lower alkyl, or aryl-C2-C7-alkyl in which C2-C7-alkyl is interrupted by Y] or their pharmaceutically acceptable salts were prepared as cysteine cathepsin inhibitors. Thus, N-[2-(3-carboxy-4-fluorobenzyloxy)-1-(S)-cyanoethyl]-3-methyl-Nu-phenyl-L-phenylalaninamide was prepared by condensation of (S)-2-amino-3-[3-[[2-(trimethylsilyl)ethoxy]carbonyl]-4-fluorobenzyloxy]propionitrile with Nu-phenyl-3-methyl-L-phenylalanine (syntheses given), followed by ester cleavage.				
IT 374119-63-8P				
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)				
(preparation of N-substituted peptidyl nitriles as cysteine cathepsin inhibitors)				
RN 374119-63-8 CAPLUS				
CN Benzoic acid, 3-[[[(2R)-2-cyano-2-[[[(1-phenylamino)cyclohexyl]carbonyl]amino]ethoxy]methyl]- (CA INDEX NAME)				

Absolute stereochemistry.

L4 ANSWER 24 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RE.CNT 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 25 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN

AN 1999:708444 CAPLUS
 DN 131:310455
 TI Preparation of aroylaminonitriles as agricultural and horticultural insecticides
 IN Andoh, Nobuharu; Sanpei, Osamu; Sakata, Kazuyuki
 PA Nihon Nohyaku Co., Ltd., Japan
 SO Eur. Pat. Appl., 83 pp.
 CODEN: EPXXDW

DT Patent

LA English

FAN.CNT 2

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 953565	A2	19991103	EP 1999-107461	19990428
EP 953565	A3	20021204		
EP 953565	B1	20040908		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
US 6239077	B1	20010529	US 1999-295319	19990421
TW 585849	B	20040501	TW 1999-88106732	19990427
EP 1445251	A1	20040811	EP 2004-10346	19990428
EP 1445251	B1	20061227		
R: CH, DE, FR, GB, IT, LI				
CN 1234177	A	19991110	CN 1999-105289	19990430
CN 1132516	B	20031231		
AU 9926027	A	19991111	AU 1999-26027	19990430
AU 752112	B2	20020905		
JP 2000026392	A	20000125	JP 1999-124560	19990430
PRA1 JP 1998-137806	A	19980501		
EP 1999-107461	A3	19990428		

OS MARPAT 131:310455

AB Ar1QdCONR3C(CN)R4(CR5R6)aW(CR7R8)baR2 [1: Ar1, Ar2 = (substituted) Ph, PhO, pyridyl, pyridyloxy, naphthyl; Q = CR1R2; R1, R2 = H, halo, (halo)alkyl, (halo)alkoxy, (substituted) cycloalkyl; R1R2 = (substituted) C2-6 alkylene, CH2CH2, C, ipbond; C, d = 0, 1; R3 = H, (halo)alkyl; R4-R8 = H, halo, (halo)alkyl; W = O, S, SO2, NR9; R9 = H, alkyl; a, b = 0-4], were prepared. Thus, 4-chlorophenol, bromoacetaldehyde di-Me acetal, K2CO3, and cat. NaI were refluxed 3 h in DMF to give 4-chlorophenoxyacetaldehyde di-Me acetal. This was refluxed with aqueous HCl in acetone to give crude 4-chlorophenoxyacetaldehyde, which was stirred with NaCN and NH4Cl in aqueous NH3 to give a residue. This was stirred with 4-chlorophenylacetyl chloride and Et3N in THF to give 1 (Ar1, Ar2 = 4-ClC6H4; R1-R8 = H; W = O; a, d = 1; b = 0). Numerous 1 at 500 ppm gave 100% kill of Plutella xylostella on cabbage seedlings.

IT 247197-15-5P 247197-57-5P 247197-70-2P
 247197-99-5P 247198-00-1P 247198-01-2P
 247198-08-9P 247199-20-8P 247199-21-9P
 247199-22-0P 247199-23-1P 247199-24-2P
 247199-25-3P 247199-27-5P 247199-28-6P
 247199-29-7P 247199-30-0P 247199-31-1P
 247199-32-2P 247199-33-3P 247199-34-4P
 247199-36-6P 247199-37-7P 247199-38-8P
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 247199-42-4P 247199-43-5P 247199-44-6P
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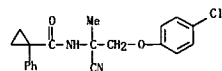
L4 ANSWER 25 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

247199-63-9P 247199-64-0P 247199-65-1P
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 247199-69-5P 247199-70-8P 247199-71-9P
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 247199-93-5P 247199-94-6P 247199-95-7P
 247201-37-2P

RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); RSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses) (prepn. of aroylaminonitriles as agricultural and horticultural insecticides)

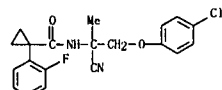
RN 247197-15-5 CAPLUS

CN Cyclopropanecarboxamide, N-[2-(4-chlorophenoxy)-1-cyano-1-methylethyl]-1-phenyl- (CA INDEX NAME)



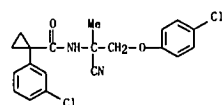
RN 247197-57-5 CAPLUS

CN Cyclopropanecarboxamide, N-[2-(4-chlorophenoxy)-1-cyano-1-methylethyl]-1-(2-fluorophenyl)- (CA INDEX NAME)



RN 247197-70-2 CAPLUS

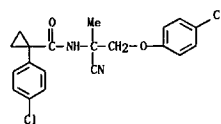
CN Cyclopropanecarboxamide, N-[2-(4-chlorophenoxy)-1-cyano-1-methylethyl]-1-(4-chlorophenyl)- (CA INDEX NAME)



RN 247197-99-5 CAPLUS

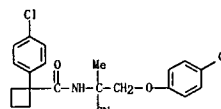
CN Cyclopropanecarboxamide, N-[2-(4-chlorophenoxy)-1-cyano-1-methylethyl]-1-(4-chlorophenyl)- (CA INDEX NAME)

L4 ANSWER 25 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



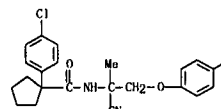
RN 247198-00-1 CAPLUS

CN Cyclobutanecarboxamide, N-[2-(4-chlorophenoxy)-1-cyano-1-methylethyl]-1-(4-chlorophenyl)- (CA INDEX NAME)



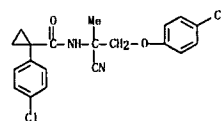
RN 247198-01-2 CAPLUS

CN Cyclopentanecarboxamide, N-[2-(4-chlorophenoxy)-1-cyano-1-methylethyl]-1-(4-chlorophenyl)- (CA INDEX NAME)



RN 247198-08-9 CAPLUS

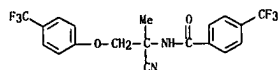
CN Cyclopentanecarboxamide, 1-(4-chlorophenyl)-N-[1-cyano-1-methyl-2-(4-(trifluoromethyl)phenoxy)ethyl]- (CA INDEX NAME)



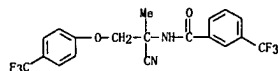
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CN Benzamide, N-[1-cyano-1-methyl-2-(4-(trifluoromethyl)phenoxy)ethyl]-4-(trifluoromethyl)- (CA INDEX NAME)

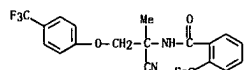
L4 ANSWER 25 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



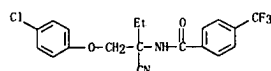
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CN Benzamide, N-[1-cyano-1-methyl-2-[4-(trifluoromethyl)phenoxy]ethyl]-3-(trifluoromethyl)- (CA INDEX NAME)



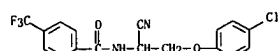
RN 247199-22-0 CAPLUS
CN Benzamide, N-[1-cyano-1-methyl-2-[4-(trifluoromethyl)phenoxy]ethyl]-2-(trifluoromethyl)- (CA INDEX NAME)



RN 247199-23-1 CAPLUS
CN Benzamide, N-[1-(4-chlorophenoxy)methyl]-1-cyanopropyl]-4-(trifluoromethyl)- (CA INDEX NAME)

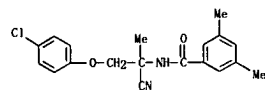


RN 247199-24-2 CAPLUS
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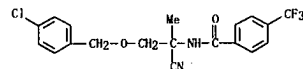


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CN Benzamide, N-[1-(4-chlorophenoxy)methyl]-1-cyano-2,2-dimethylpropyl]-4-(trifluoromethyl)- (CA INDEX NAME)

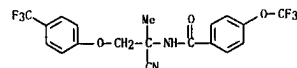
L4 ANSWER 25 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



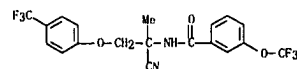
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CN Benzamide, N-[2-(4-chlorophenyl)methoxy]-1-cyano-1-methylethyl]-4-(trifluoromethyl)- (CA INDEX NAME)



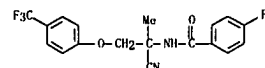
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CN Benzamide, N-[1-cyano-1-methyl-2-[4-(trifluoromethyl)phenoxy]ethyl]-4-(trifluoromethoxy)- (CA INDEX NAME)



RN 247199-34-4 CAPLUS
CN Benzamide, N-[1-cyano-1-methyl-2-[4-(trifluoromethyl)phenoxy]ethyl]-3-(trifluoromethoxy)- (CA INDEX NAME)

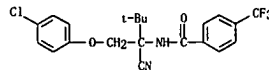


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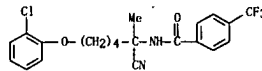


RN 247199-37-7 CAPLUS
CN Benzamide, 2,4-dichloro-N-[1-cyano-1-methyl-2-[4-(trifluoromethyl)phenoxy]ethyl]- (CA INDEX NAME)

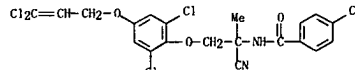
L4 ANSWER 25 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



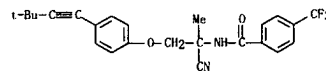
RN 247199-27-5 CAPLUS
CN Benzamide, N-[5-(2-chlorophenoxy)-1-cyano-1-methylpentyl]-4-(trifluoromethyl)- (CA INDEX NAME)



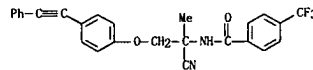
RN 247199-28-6 CAPLUS
CN Benzamide, 4-chloro-N-[1-cyano-2-[2,6-dichloro-4-[(3,3-dichloro-2-propenyl)oxy]phenoxy]-1-methylethyl]- (9CI) (CA INDEX NAME)



RN 247199-29-7 CAPLUS
CN Benzamide, N-[1-cyano-2-[4-(3,3-dimethyl-1-butynyl)phenoxy]-1-methylethyl]-4-(trifluoromethyl)- (9CI) (CA INDEX NAME)

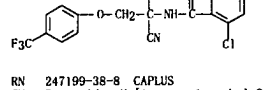


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CN Benzamide, N-[1-cyano-1-methyl-2-[4-(phenylethynyl)phenoxy]ethyl]-4-(trifluoromethyl)- (9CI) (CA INDEX NAME)

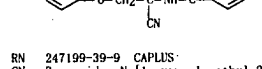


RN 247199-31-1 CAPLUS
CN Benzamide, N-[2-(4-chlorophenoxy)-1-cyano-1-methylethyl]-3,5-dimethyl- (CA INDEX NAME)

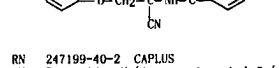
L4 ANSWER 25 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



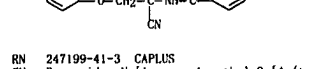
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CN Benzamide, N-[1-cyano-1-methyl-2-[4-(trifluoromethyl)phenoxy]ethyl]-4-iodo- (CA INDEX NAME)



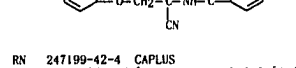
RN 247199-39-9 CAPLUS
CN Benzamide, N-[1-cyano-1-methyl-2-[4-(trifluoromethyl)phenoxy]ethyl]-4-nitro- (CA INDEX NAME)



RN 247199-40-2 CAPLUS
CN Benzamide, N-[1-cyano-1-methyl-2-[4-(trifluoromethyl)phenoxy]ethyl]-4-(pentafluoroethyl)- (9CI) (CA INDEX NAME)

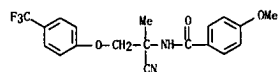


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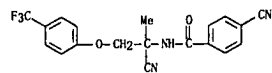


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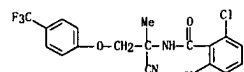
L4 ANSWER 25 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



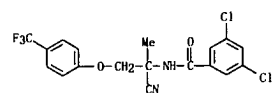
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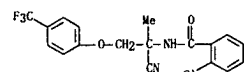
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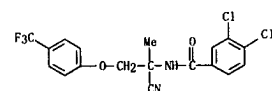
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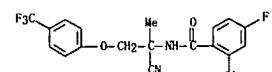
RN 247199-46-8 CAPLUS
 CN Benzamide, 2-chloro-N-[1-cyano-1-methyl-2-[4-(trifluoromethyl)phenoxy]ethyl]- (CA INDEX NAME)



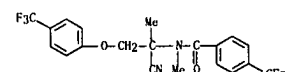
L4 ANSWER 25 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



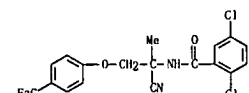
RN 247199-52-6 CAPLUS
 CN Benzamide, 2-chloro-N-[1-cyano-1-methyl-2-[4-(trifluoromethyl)phenoxy]ethyl]-4-fluoro- (CA INDEX NAME)



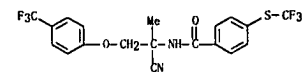
RN 247199-53-7 CAPLUS
 CN Benzamide, N-[1-cyano-1-methyl-2-[4-(trifluoromethyl)phenoxy]ethyl]-N-methyl-4-(trifluoromethyl)- (CA INDEX NAME)



RN 247199-54-8 CAPLUS
 CN Benzamide, 2,5-dichloro-N-[1-cyano-1-methyl-2-[4-(trifluoromethyl)phenoxy]ethyl]- (CA INDEX NAME)



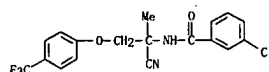
RN 247199-55-9 CAPLUS
 CN Benzamide, N-[1-cyano-1-methyl-2-[4-(trifluoromethyl)phenoxy]ethyl]-4-(trifluoromethyl)thio- (CA INDEX NAME)



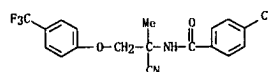
RN 247199-56-0 CAPLUS
 CN Benzamide, N-[1-cyano-1-methyl-2-[4-(trifluoromethyl)phenoxy]ethyl]-2-methoxy- (CA INDEX NAME)

L4 ANSWER 25 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

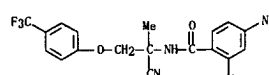
RN 247199-47-9 CAPLUS
 CN Benzamide, 3-chloro-N-[1-cyano-1-methyl-2-[4-(trifluoromethyl)phenoxy]ethyl]- (CA INDEX NAME)



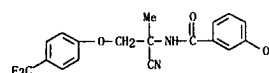
RN 247199-48-0 CAPLUS
 CN Benzamide, 4-chloro-N-[1-cyano-1-methyl-2-[4-(trifluoromethyl)phenoxy]ethyl]- (CA INDEX NAME)



RN 247199-49-1 CAPLUS
 CN Benzamide, 2-chloro-N-[1-cyano-1-methyl-2-[4-(trifluoromethyl)phenoxy]ethyl]-4-nitro- (CA INDEX NAME)

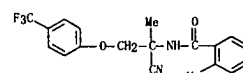


RN 247199-50-4 CAPLUS
 CN Benzamide, N-[1-cyano-1-methyl-2-[4-(trifluoromethyl)phenoxy]ethyl]-3-methoxy- (CA INDEX NAME)

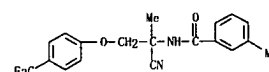


RN 247199-51-5 CAPLUS
 CN Benzamide, 3,4-dichloro-N-[1-cyano-1-methyl-2-[4-(trifluoromethyl)phenoxy]ethyl]- (CA INDEX NAME)

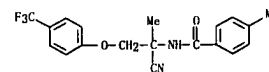
L4 ANSWER 25 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



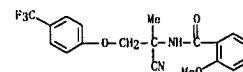
RN 247199-57-1 CAPLUS
 CN Benzamide, N-[1-cyano-1-methyl-2-[4-(trifluoromethyl)phenoxy]ethyl]-3-methyl- (CA INDEX NAME)



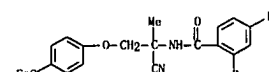
RN 247199-58-2 CAPLUS
 CN Benzamide, N-[1-cyano-1-methyl-2-[4-(trifluoromethyl)phenoxy]ethyl]-4-methyl- (CA INDEX NAME)



RN 247199-59-3 CAPLUS
 CN Benzamide, N-[1-cyano-1-methyl-2-[4-(trifluoromethyl)phenoxy]ethyl]-2-methoxy- (CA INDEX NAME)

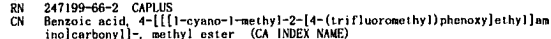
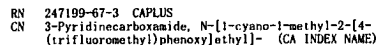
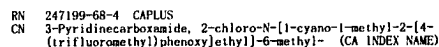
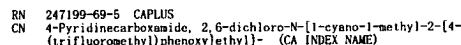
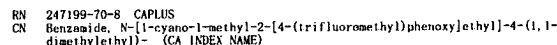


RN 247199-60-6 CAPLUS
 CN Benzamide, N-[1-cyano-1-methyl-2-[4-(trifluoromethyl)phenoxy]ethyl]-2,4-difluoro- (CA INDEX NAME)

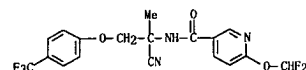


RN 247199-61-7 CAPLUS
 CN 3-Pyridinecarboxamide, 5,6-dichloro-N-[2-(4-chlorophenoxy)-1-cyano-1-methyl-ethyl]- (CA INDEX NAME)

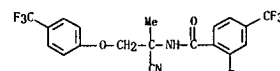
L4 ANSWER 25 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

CN(C)C(OC1=CC=C(C=C1)C(F)(F)F)C(=O)N2C(=O)C(=O)C=C2C1=CC=C(C=C1)C(=O)OCCc1ccccc1C(=O)NC(C#N)COc2ccc(C(F)(F)F)cc2Cc1cc(C(F)(F)F)ccc1OCC(C)(C)C#NNC(=O)c1cc(Cl)nc(C)cc1FC(F)(F)c1ccc(OCC(C)(C)NC(=O)c2cc(Cl)cnc2Cl)cc1

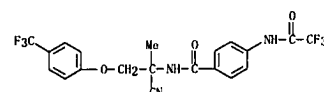
14 ANSWER 25 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



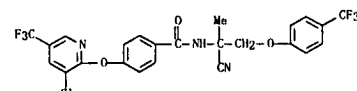
RN 247199-76-4 CAPLUS
 CN Benzamide, N-[1-cyano-1-methyl-2-[4-(trifluoromethyl)phenoxy]ethyl]-2-fluoro-4-(trifluoromethyl)- (CA INDEX NAME)



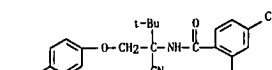
RN 247199-77-5 CAPLUS
 CN Benzamide, N-[1-cyano-1-methyl-2-[4-(trifluoromethyl)phenoxy]ethyl]-4-
 [(trifluoroacetyl)amino]- (9CI) (CA INDEX NAME)



RN 247199-78-6 CAPLUS
CN Benzamide, 4-[[3-chloro-5-(trifluoromethyl)-2-pyridinyl]oxy]-N-[1-cyano-1-methyl-2-[4-(trifluoromethyl)phenoxy]ethyl]- (CA INDEX NAME)

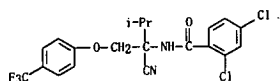


RN 247199-79-7 CAPLUS
CN Benzanida, 2, 4-dichloro-N-[1-cyano-2, 2-dimethyl-1-[[4-(trifluoromethyl)phenoxy]methyl]propyl]- (CA INDEX NAME)

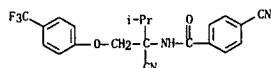


RN 247199-80-0 CAPLUS
CN Benzamide, 2,4-dichloro-N-[1-cyano-2-methyl-1-[(4-

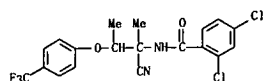
L4 ANSWER 25 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
(trifluoromethyl)phenoxy)methyl]propyl]- (CA INDEX NAME)



RN 247199-81-1 CAPLUS
CN Benzamide, 4-cyano-N-[[1-cyano-2-methyl-1-[[4-(trifluoromethyl)phenoxy]methyl]propyl]- (CA INDEX NAME)

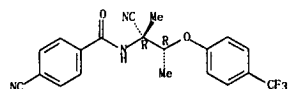


RN 247199-82-2 CAPLUS
CN Benzamide, 2,4-dichloro-N-[[1-cyano-1-methyl-2-[4-(trifluoromethyl)phenoxy]propyl]- (CA INDEX NAME)



RN 247199-83-3 CAPLUS
CN Benzamide, 4-cyano-N-[[1R,2R]-1-cyano-1-methyl-2-[4-(trifluoromethyl)phenoxy]propyl]-, rel- (CA INDEX NAME)

Relative stereochemistry.

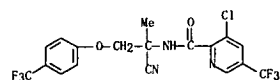


RN 247199-84-4 CAPLUS
CN Benzamide, 4-cyano-N-[[1R,2S]-1-cyano-1-methyl-2-[4-(trifluoromethyl)phenoxy]propyl]-, rel- (CA INDEX NAME)

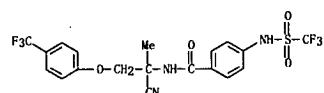
Relative stereochemistry.

L4 ANSWER 25 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

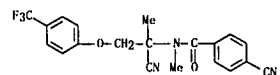
RN 247199-89-9 CAPLUS
CN 2-Pyridinecarboxamide, 3-chloro-N-[[1-cyano-1-methyl-2-[4-(trifluoromethyl)phenoxy]ethyl]-5-(trifluoromethyl)- (CA INDEX NAME)



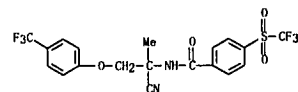
RN 247199-90-2 CAPLUS
CN Benzamide, N-[[1-cyano-1-methyl-2-[4-(trifluoromethyl)phenoxy]ethyl]-4-[[[(trifluoromethyl)sulfonyl]amino]- (CA INDEX NAME)



RN 247199-91-3 CAPLUS
CN Benzamide, 4-cyano-N-[[1-cyano-1-methyl-2-[4-(trifluoromethyl)phenoxy]ethyl]-N-methyl- (CA INDEX NAME)

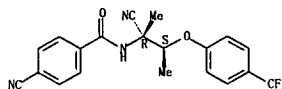


RN 247199-92-4 CAPLUS
CN Benzamide, N-[[1-cyano-1-methyl-2-[4-(trifluoromethyl)phenoxy]ethyl]-4-[(trifluoromethyl)sulfonyl]- (CA INDEX NAME)

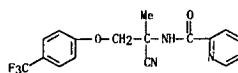


RN 247199-93-5 CAPLUS
CN 1-Naphthalenecarboxamide, N-[[1-cyano-1-methyl-2-[4-(trifluoromethyl)phenoxy]ethyl]- (CA INDEX NAME)

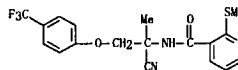
L4 ANSWER 25 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



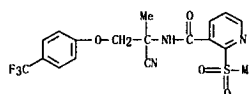
RN 247199-85-5 CAPLUS
CN 2-Pyridinecarboxamide, N-[[1-cyano-1-methyl-2-[4-(trifluoromethyl)phenoxy]ethyl]- (CA INDEX NAME)



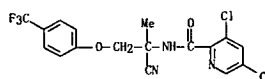
RN 247199-86-6 CAPLUS
CN 3-Pyridinecarboxamide, N-[[1-cyano-1-methyl-2-[4-(trifluoromethyl)phenoxy]ethyl]-2-(methylthio)- (CA INDEX NAME)



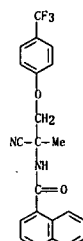
RN 247199-87-7 CAPLUS
CN 3-Pyridinecarboxamide, N-[[1-cyano-1-methyl-2-[4-(trifluoromethyl)phenoxy]ethyl]-2-(methylsulfonyl)- (CA INDEX NAME)



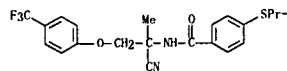
RN 247199-88-8 CAPLUS
CN 2-Pyridinecarboxamide, 3,5-dichloro-N-[[1-cyano-1-methyl-2-[4-(trifluoromethyl)phenoxy]ethyl]- (CA INDEX NAME)



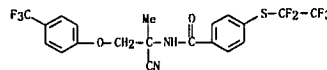
L4 ANSWER 25 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



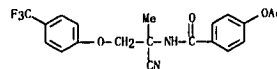
RN 247199-94-6 CAPLUS
CN Benzamide, N-[[1-cyano-1-methyl-2-[4-(trifluoromethyl)phenoxy]ethyl]-4-(propylthio)- (CA INDEX NAME)



RN 247199-95-7 CAPLUS
CN Benzamide, N-[[1-cyano-1-methyl-2-[4-(trifluoromethyl)phenoxy]ethyl]-4-[(pentafluoroethyl)thio]- (9CI) (CA INDEX NAME)



RN 247201-37-2 CAPLUS
CN Benzamide, 4-(acetyloxy)-N-[[1-cyano-1-methyl-2-[4-(trifluoromethyl)phenoxy]ethyl]- (CA INDEX NAME)



L4 ANSWER 26 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN

AN 1998:165714 CAPLUS

DN 128:270459

TI Myxocheilins B, C, D, E, and F. A new structural principle for powerful siderophores imitating nature

AU Ambrosi, Horst Dieter; Hartmann, Vera; Pistorius, Daniel; Reissbrodt, Rolf; Trowitzsch-Kienast, Wolfram

CS Analyticon A.-G., Berlin, D-13355, Germany

SO European Journal of Organic Chemistry (1998), (3), 541-551

CODEN: EJOCHF; ISSN: 1434-193X

PB Wiley-VCH Verlag GmbH

DT Journal

LA English

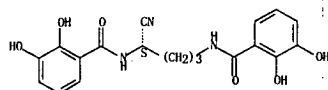
AB The synthesis of the natural siderophore myxocheilin B and its enantiomer is described. These compounds served as precursors for the synthesis of new hexadentate siderophores, the myxocheilins C, D, E, and F, and their resp. enantiomers, (+)-myxocheilin E, and (±)-myxocheilin F with 2,3-dihydroxybenzoate (DHB) ligands and the simple backbones of asym. 1,2-n-triamino-n-alkanes. For the myxocheilins C, D, E, and F, n is 6 (from lysine), 5 (from ornithine), 4 (from asparagine) and 7 (from (±)-2-aminopimelic acid), resp. The addnl. amino functions in the starting compds. were provided by dehydration of the corresponding primary amides, and subsequent reduction of the nitriles by cobalt boride in MeOH. All new siderophores supply bacteria with ferric ions with an efficiency which depends on their chain length and stereochem. They show significant activity against the cytomegalovirus.

IT 201535-55-9P 201535-57-1P
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)

RN 201535-55-9 CAPLUS

CN Benzamide, N,N'-(1-cyano-1,4-butanediyl)bis[2,3-dihydroxy-, (S)- (9C1) (CA INDEX NAME)

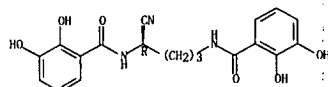
Absolute stereochemistry. Rotation (-).



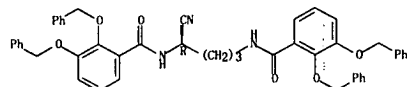
RN 201535-57-1 CAPLUS

CN Benzamide, N,N'-(1-cyano-1,4-butanediyl)bis[2,3-dihydroxy-, (R)- (9C1) (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).



L4 ANSWER 26 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



L4 ANSWER 26 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

IT 201535-53-7P 201535-54-8P 201535-60-6P

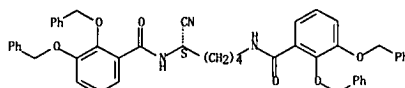
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation of myxocheilins and efficiency of ferric ion supply to bacteria)

RN 201535-53-7 CAPLUS

CN Benzamide, N,N'-(1-cyano-1,5-pentanediy)bis[2,3-bis(phenylmethoxy)-, (S)- (9C1) (CA INDEX NAME)

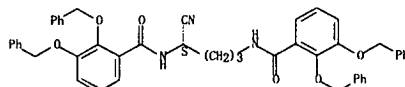
Absolute stereochemistry. Rotation (-).



RN 201535-54-8 CAPLUS

CN Benzamide, N,N'-(1-cyano-1,4-butanediyl)bis[2,3-bis(phenylmethoxy)-, (S)- (9C1) (CA INDEX NAME)

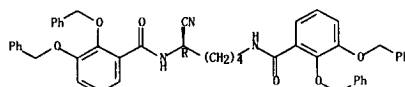
Absolute stereochemistry. Rotation (-).



RN 201535-60-6 CAPLUS

CN Benzamide, N,N'-(1-cyano-1,5-pentanediy)bis[2,3-bis(phenylmethoxy)-, (R)- (9C1) (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).



RN 201612-27-3 CAPLUS

CN Benzamide, N,N'-(1-cyano-1,4-butanediyl)bis[2,3-bis(phenylmethoxy)-, (R)- (9C1) (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).

L4 ANSWER 27 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN

AN 1998:42369 CAPLUS

DN 128:114825

TI Compounds which can form complexes with metals

IN Trowitzsch-Kienast, Wolfram; Reissbrodt, Rolf; Ambrosi, Horst-Dieter;

Hartmann, Vera

PA Analyticon Ag Biotechnologie Pharmazie, Germany

SO PCT Int. Appl. 34 pp.

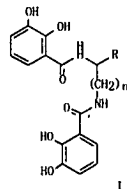
CODEN: PIIXD2

DT Patent

LA German

FAN. CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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AU 9664172	A	19980114	AU 1996-64172	19960626
EP 923538	A1	19990623	EP 1996-923943	19960626
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
PRA1 WO 1996-EP2796	W	19960626		
OS MARPAT 128:114825				
GI				

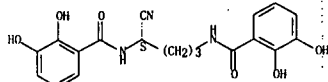


AB Compds. 1 [R = CH₂NHCO-(2,3-dihydroxyphenyl), CN, CH₂NH₂; n = 1 to 5] form complexes with metals. Thus, Myxocheilin C [1; R = NHCOCH₃ (OCH₂Ph)-2,3, n = 4] was prepared via acylation of (S)-2,3-bis(phenylmethoxy)phenylamine followed by hydrogenolysis. Treatment of 1 [R = NHCOCH₃ (OCH₂Ph)-2,3, n = 4] with FeCl₃ in MeOH formed a complex (λ_{max} = 571 nm). The iron complex of 1 [R = NHCOCH₃ (OCH₂Ph)-2,3, n = 4] (5 μg/disk) shows good uptake of iron in several strains of Enterobacteria - Salmonella typhimurium (32), E. coli (30), Klebsiella pneumonia (33), Pseudomonas aeruginosa strain 6609 (34), strain 648 (30), strain 201 (32) and strain K 437 (34). 1 [R = NHCOCH₃ (OCH₂Ph)-2,3, n = 4] also showed antiviral activity against Cytomegalovirus strain AD-169 (IC₅₀ = 0.7 μg/mL).

IT 201535-55-9DP, Myxocheilin D nitrile, iron(III) complex
201593-40-ODP, iron(III) complex
RL: FRP (Properties); SPN (Synthetic preparation); PREP (Preparation)
(preparation of lysine deriva. which can form complexes with metals)

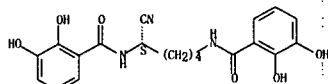
L4 ANSWER 27 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
 RN 201535-55-9 CAPLUS
 CN Benzamide, N,N'-(1-cyano-1,4-butanediyl)bis[2,3-dihydroxy-, (S)- (9C1)
 (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).



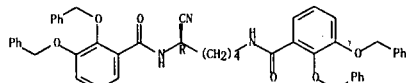
RN 201593-40-0 CAPLUS
 CN Benzamide, N,N'-(1-cyano-1,5-pentanediy)bis[2,3-dihydroxy-, (S)- (9C1)
 (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).



IT 201535-60-6 201612-27-3
 RL: RCT (Reactant): RACT (Reactant or reagent)
 (preparation of lysine derivs. which can form complexes with metals)
 RN 201535-60-6 CAPLUS
 CN Benzamide, N,N'-(1-cyano-1,5-pentanediy)bis[2,3-bis(phenylmethoxy)-, (R)- (9C1) (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).

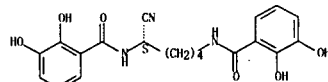


RN 201612-27-3 CAPLUS
 CN Benzamide, N,N'-(1-cyano-1,4-butanediyl)bis[2,3-bis(phenylmethoxy)-, (R)- (9C1) (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).

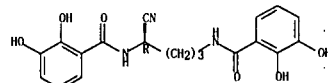
L4 ANSWER 27 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
 RN 201593-40-0 CAPLUS
 CN Benzamide, N,N'-(1-cyano-1,5-pentanediy)bis[2,3-dihydroxy-, (S)- (9C1)
 (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).



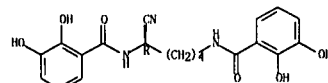
IT 201535-57-1P, (R)-Myxochelin D-nitrile 201593-41-1P,
 (R)-Myxochelin B nitrile
 RL: SPN (Synthetic preparation): PREP (Preparation)
 (preparation of lysine derivs. which can form complexes with metals)
 RN 201535-57-1 CAPLUS
 CN Benzamide, N,N'-(1-cyano-1,4-butanediyl)bis[2,3-dihydroxy-, (R)- (9C1)
 (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).

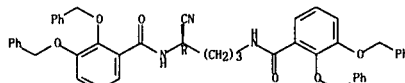


RN 201593-41-1 CAPLUS
 CN Benzamide, N,N'-(1-cyano-1,5-pentanediy)bis[2,3-dihydroxy-, (R)- (9C1)
 (CA INDEX NAME)

Absolute stereochemistry.

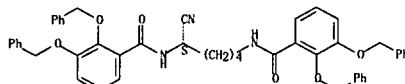


L4 ANSWER 27 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



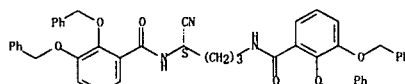
IT 201535-53-7P 201535-54-8P, Tetra-O-benzylmyxochelin D
 nitrile 201535-55-9P, Myxochelin D nitrile 201593-40-0P
 Myxochelin B nitrile
 RL: RCT (Reactant): SPN (Synthetic preparation): PREP (Preparation): RACT
 (Reactant or reagent)
 (preparation of lysine derivs. which can form complexes with metals)
 RN 201535-53-7 CAPLUS
 CN Benzamide, N,N'-(1-cyano-1,5-pentanediy)bis[2,3-bis(phenylmethoxy)-, (S)- (9C1) (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).



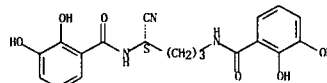
RN 201535-54-8 CAPLUS
 CN Benzamide, N,N'-(1-cyano-1,4-butanediyl)bis[2,3-bis(phenylmethoxy)-, (S)- (9C1) (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).



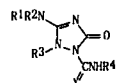
RN 201535-55-9 CAPLUS
 CN Benzamide, N,N'-(1-cyano-1,4-butanediyl)bis[2,3-dihydroxy-, (S)- (9C1)
 (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).

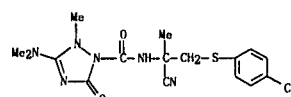


L4 ANSWER 28 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN
 AN 1993:191742 CAPLUS
 DN 118:191742
 TI Preparation of 5-amino-2-carbamoyltriazolin-3-ones as herbicides
 IN Findeisen, Kurt; Kuhn, Dietmar; Mueller, Klaus Helmut; Koenig, Klaus;
 Luerssen, Klaus; Santel, Hans Joachim; Schmidt, Robert Rudolf
 PA Bayer A.-G., Germany
 SO Ger. Offen., 56 pp.
 CODEN: GWXBX
 DT Patent
 LA German
 FAN: CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI DE 4116115	A1	19921119	DE 1991-4116115	19910517
WO 9220663	A1	19921126	WO 1992-EP968	19920504
W: AU, BR, CA, CS, HU, JP, KR, RU, US				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LU, MC, NL, SE				
AU 9216800	A	19921230	AU 1992-16800	19920504
AU 955019	B2	19941201		
EP 586418	A1	19940316	EP 1992-909880	19920504
R: AT, BE, CH, DE, DK, ES, FR, GB, IT, LI, NL, SE				
BR 9205999	A	19940927	BR 1992-5999	19920504
PRAI DE 1991-4116115	A	19910517		
WO 1992-EP968	A	19920504		
OS MARPAT 118:191742				
GI				



AB Title compds. 1 [R1, R2 = (substituted) alkyl, -aryl, -heteroaryl, etc.; R1R2N = (substituted) heterocyclyl; R3 = (cyclo)alkyl; R4 = (substituted) alkyl, -cycloalkyl, -aryl, -aroyl, alkoxy, etc.; X = O, S] were prepared as herbicides (no data). Thus, addition reaction of 1-methyl-5-N-methyl-N-methylamino-1,2-dihydro-3H-1,2,4-triazol-3-one (preparation given) with 4-MeC6H4CH2CH2C(=O)NCO in MeCN containing DBU gave title compound 1 [R1 = Et; R2 = R3 = Me; R4 = CHMeCH2CH2C(=O)Me-4; X = O] (1) in 81% yield. Numerous 1 were said to be superior postemergent herbicides.
 IT 146229-87-0P
 RL: AGR (Agricultural use): BAC (Biological activity or effector, except adverse): BSU (Biological study, unclassified): SPN (Synthetic preparation): BIOL (Biological study): PREP (Preparation): USES (Uses)
 (preparation of, as herbicide)
 RN 146229-87-0 CAPLUS
 CN 1H-1,2,4-Triazole-1-carboxamide, N-[2-[(4-chlorophenyl)thio]-1-cyano-1-methylethyl]-3-(dimethylamino)-2,5-dihydro-2-methyl-5-oxo- (CA INDEX NAME)



L4 ANSWER 28 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

L4 ANSWER 29 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN

AN 1993:101965 CAPLUS

DN 118:101965

TI Preparation of substituted triazolinones as herbicides

IN Findeisen, Kurt; Kuhn, Dietmar; Mueller, Klaus Helmut; Haug, Michael;

Koenig, Klaus; Luerssen, Klaus; Santel, Hans Joachim; Schmidt, Robert R.

PA Bayer A.-G., Germany

SO Eur. Pat. Appl., 34 pp.

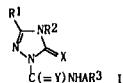
CODEN: EPXXDW

DT Patent

LA German

FAN. CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI EP 513621	A1	19921119	EP 1992-107530	19920504
R: BE, CH, DE, DK, ES, FR, GR, IT, LI, NL				
DE 4115618	A1	19921119	DE 1991-4115618	19910514
AU 9215912	A	19921119	AU 1992-15912	19920430
AU 644055	H2	19931202		
US 5209769	A	19930511	US 1992-878149	19920504
JP 05194435	A	19930803	JP 1992-141065	19920507
CA 2068356	A1	19921115	CA 1992-2068356	19920511
BR 9201807	A	19921229	BR 1992-1807	19920513
PRA1 DE 1991-4115618	A	19910514		
OS MARPAT 118:101965				
G1				



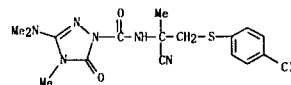
AB Title compds. I [R1 = NR4R5, SR6: R2 = alkyl; R3 = (substituted) aryl, -cycloalkyl, -heterocyclyl; A = CR7R8CR9R10(CH2)mQ(CH2)n, CR7R8CH:CH, CR7R8C:tpbond.C, CR7R8N:N; X, Y = O, S; R4 = H, alkyl; R5, R6 = alkyl; R7 = H, cyano, alkyl and R8-R10 = H, alkyl or R7R8 = (CH2)p; Q = O, S, SO, SO2, NR11; R11 = H (substituted) alkyl, alkanoyl; m = n = 0-2; p = 2-6] were prepared as herbicides. Thus, treatment of 1-(4-chlorophenoxy)-2-propylamine with COC12 gave the isocyanate. Addition of 3-dimethylamino-4-methyl-1,2,4-triazolin-5-one in the presence of DBU gave title compound I [R1 = Me2N; R2 = Me; R3 = 4-ClC6H4; A = CHMeCH2O; X = Y = O] (II) in 84% yield. II is effective both pre- and postemergent.

IT 146015-67-OP 146015-82-OP 146015-83-OP 146015-84-IP

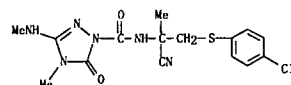
RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses) (preparation of, as herbicide)

RN 146015-67-0 CAPLUS
CN 1H-1,2,4-Triazole-1-carboxamide, N-[2-[(4-chlorophenyl)thio]-1-cyano-1-methylethyl]-3-(dimethylamino)-4,5-dihydro-4-methyl-5-oxo- (CA INDEX NAME)

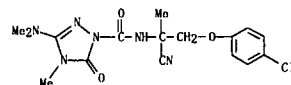
L4 ANSWER 29 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



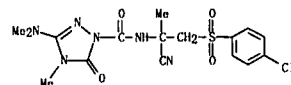
RN 146015-82-0 CAPLUS
CN 1H-1,2,4-Triazole-1-carboxamide, N-[2-[(4-chlorophenyl)thio]-1-cyano-1-methylethyl]-3-(dimethylamino)-4,5-dihydro-4-methyl-5-oxo- (CA INDEX NAME)



RN 146015-83-0 CAPLUS
CN 1H-1,2,4-Triazole-1-carboxamide, N-[2-[(4-chlorophenoxy)-1-cyano-1-methylethyl]-3-(dimethylamino)-4,5-dihydro-4-methyl-5-oxo- (CA INDEX NAME)



RN 146015-84-1 CAPLUS
CN 1H-1,2,4-Triazole-1-carboxamide, N-[2-[(4-chlorophenyl)sulfonyl]-1-cyano-1-methylethyl]-3-(dimethylamino)-4,5-dihydro-4-methyl-5-oxo- (CA INDEX NAME)



=> => d que 18 stat

L5	36	SEA	FILE=CAPLUS	ABB=ON	PLU=ON	"DUCRAY PIERRE"/AU
L6	60	SEA	FILE=CAPLUS	ABB=ON	PLU=ON	"GOEBEL THOMAS"/AU
L7	80	SEA	FILE=CAPLUS	ABB=ON	PLU=ON	L5 OR L6
L8	9	SEA	FILE=CAPLUS	ABB=ON	PLU=ON	L7 AND (AMINOACETONITRILE OR ACETONITRILE)

=> d 1-9 bib abs

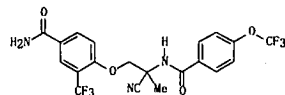
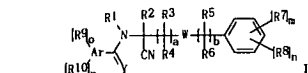
LS ANSWER 1 OF 9 CAPLUS COPYRIGHT 2008 ACS ON STN
AN 2005:131229 CAPLUS

TI Preparation of aminonitrile derivatives for controlling
parasites on warm-blooded animals
IN Gaurvy, Noelle; Ducray, Pierre; Gonbel, Thomas;
Kaminsky, Ronald
PA Novartis A.-G., Switz.; Novartis Pharma G.m.b.H.
SO PCT Int. Appl., 95 pp.
CODEN: PIXXD2

DT Patent
LA English

FAN CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2005121075	A1	20051222	WO/2005-EP6207	20050609
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MY, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SV, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SI, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2005251917	A1	20051222	AU 2005-251917	20050609
EP 1758849	A1	20070307	EP 2005-751761	20050609
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR				
JP 2008501761	T	20080124	JP 2007-526305	20050609
PRAI EP 2004-13690	A	20040610		
WO 2005-EP6207	W	20050609		
OS CASREACT 144:69626; MARPAT 144:69626				
GI				



AB The title compds. I [Ar = (un)substituted (hetero)aryl; R1 = H, alkyl, haloalkyl, etc.; R2-R6 = H, halo, (un)substituted alkyl, etc.; or R2 and

LS ANSWER 1 OF 9 CAPLUS COPYRIGHT 2008 ACS ON STN (Continued)
R3 are together alkylene; R7, R10 = H2, OH, SH, etc.; R8 = halo, NO2, CN, etc.; R9 = halo, NO2, CN, etc.; a = 1-4; b = 0-4; m, n, o, p = 0-5; W = 0, S, SO2, etc.; Y = 0, S, NR11 (R11 = alkyl, (un)substituted Ph); with the proviso that m and p are not equal to 0 at the same time] which have advantageous pesticidal properties and are particularly suitable for controlling parasites in warm-blooded animals, were prepd. and formulated. E.g., a multi-step synthesis of II, starting from 4-fluoro-3-trifluoromethylbenzonitrile, was given. Compd. II reduced the no. of nematode worms by more than 95% in vivo test against Trichostrongylus colubriformis and Haemonchus contortus in Mongolian gerbils by peroral administration.

RE CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

LS ANSWER 2 OF 9 CAPLUS COPYRIGHT 2008 ACS ON STN
AN 2005:429386 CAPLUS

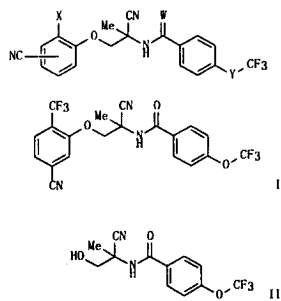
TI A preparation of acetonitrile derivatives; useful as pesticides
IN Gaurvy, Noelle; Gonbel, Thomas; Ducray, Pierre;
Pautrat, Francois; Kaminsky, Ronald; Jung, Martin
PA Novartis A.-G., Switz.; Novartis Pharma G.m.b.H.
SO PCT Int. Appl., 48 pp.
CODEN: PIXXD2

DT Patent
LA English

FAN CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2005044784	A1	20050519	WO 2004-EP12559	20041105
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MY, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SV, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SI, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2004287611	A1	20050519	AU 2004-287611	20041105
CA 2544741	A1	20050519	CA 2004-2544741	20041105
EP 1682493	A1	20060726	EP 2004-797665	20041105
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LT, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK, IS				
BR 2004016294	A	20070123	BR 2004-16294	20041105
CN 1902162	A	20070124	CN 2004-8003913	20041105
JP 2007510632	T	20070426	JP 2006-537263	20041105
MX 2006PA05036	A	20060706	MX 2006-PA5036	20060504
KR 793462	BI	20080114	KR 2006-708717	20060504
IN 2006CN01565	A	20070706	IN 2006-CN1565	20060505
US 2007072944	A	20070329	US 2006-577369	20060626
PRAI EP 2003-25290	A	20031106		
GB 2004-2677	A	20040206		
WO 2004-EP12559	W	20041105		
OS MARPAT 142:481750				
GI				

LS ANSWER 2 OF 9 CAPLUS COPYRIGHT 2008 ACS ON STN (Continued)



AB The invention relates to a preparation of acetonitrile derivs. of formula I [wherein: X is Cl, Br, or CF3; Y is a single bond, O, S, S(O), or SO2; W is 0 or S], useful as pesticides. The active ingredients have advantageous pesticidal properties. They are especially suitable for controlling parasites in and on warm-blooded animals. For instance, acetonitrile derivative II was prepared via etherification of alc. III by 3-fluoro-4-trifluoromethylbenzonitrile. The efficacy was calculated as the % reduction of the number of worms in each gerbil, compared with the geometric average of number of worms from 6 infected and untreated gerbils (Mongolian gerbils, 3.2 mg/kg; H. contortus: 100%, T. colubriformis: 100%).

RE CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

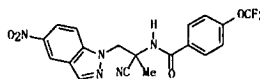
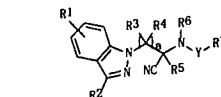
L8 ANSWER 3 OF 9 CAPLUS COPYRIGHT 2008 ACS ON STN
AN 2003:991485 CAPLUS
DN 140:27820
TI Preparation of indazolylmethyl aminoacetone nitrile derivatives
having special pesticidal activity
IN Ducray, Pierre; Goebel, Thomas; Fruechtel, Joerg
PA Novartis A.-G., Switz.; Novartis Pharma G.m.b.H.
SO PCT Int. Appl., 68 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2003104202	A1	20031218	WO 2003-EP5992	20030606
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LT, LU, LV, MA, MD, ME, MN, MX, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SE, SG, SK, TJ, TM, TN, TR, TT, UA, US, UZ, VC, VN, YU, ZA, ZW				
RW: AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR				
CA 2455762	A1	20031218	CA 2003-2455762	20030606
AU 2003240748	A1	20031222	AU 2003-240748	20030606
BR 2003065041	A	20041109	BR 2003-5041	20030606
CN 1545504	A	20041110	CN 2003-800864	20030606
EP 1534684	A1	20050601	EP 2003-730157	20030606
EP 1534684	B1	20070502		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
JP 2005521752	T	20050721	JP 2004-511272	20030606
NZ 531085	A	20061130	NZ 2003-531085	20030606
AT 361282	T	20070515	AT 2003-730157	20030606
ZA 2004000407	A	20041013	ZA 2004-407	20040119
US 2006025466	A1	20060202	US 2004-506040	20040827
US 7250436	B2	20070731		
MX 2004PA12223	A	20050225	MX 2004-PA12223	20041206
CH 2002-976	A	20020607		
WO 2003-EP5992	W	20030606		
MARPAT 140:27820				

L8 ANSWER 4 OF 9 CAPLUS COPYRIGHT 2008 ACS ON STN
AN 2003:570944 CAPLUS
DN 139:133350
TI Amidononitrile derivatives useful as parasiticides, and their
preparation, compositions, and use
IN Ducray, Pierre; Goebel, Thomas; Fruechtel, Joerg;
Bouvier, Jacques; Flum, Gabriela
PA Novartis Ag, Switz.; Novartis Pharma GmbH
SO PCT Int. Appl., 50 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2003059868	A1	20030724	WO 2003-EP498	20030120
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LT, LU, LV, MA, MD, ME, MN, MX, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SE, SG, SK, TJ, TM, TN, TR, TT, UA, US, UZ, VC, VN, YU, ZA, ZW				
RW: AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR				
CA 2468423	A1	20030724	CA 2003-2468423	20030120
AU 2003202580	A1	20030730	AU 2003-202580	20030120
EP 1470103	A1	20041027	EP 2003-701531	20030120
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
BR 2003007011	A	20041103	BR 2003-7011	20030120
CN 1602296	A	20050330	CN 2003-801730	20030120
JP 200514453	T	20050519	JP 2003-559972	20030120
NZ 533964	A	20060224	NZ 2003-533964	20030120
ZA 2004003851	A	20050810	ZA 2004-3851	20040519
US 2005059736	A1	20050317	US 2004-501495	20040714
US 7153814	B2	20061226		
IN 2004CN01580	A	20060224	IN 2004-CN1580	20040716
MX 2004PA07048	A	20041011	MX 2004-PA7048	20040721
CH 2002-97	A	20020121		
WO 2003-EP498	W	20030120		
MARPAT 139:133350				

L8 ANSWER 3 OF 9 CAPLUS COPYRIGHT 2008 ACS ON STN (Continued)



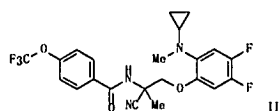
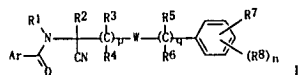
AB The title compds. [I: R1 = H, halo, CN, NO2, etc.; R2 = H, alkyl, cycloalkyl, etc.; R3-R5 = H, halo, alkyl, haloalkyl, etc.; or R4 and R5 together = alkylene; R6 = H, alkyl, alkylcarbonyl, alkoxyalkyl, etc.; R7 = H, alkyl, alkoxy, alkylamino, etc.; Y = a bond, CO, CS, SO_n; a = 1-3; n = 1-2] which have advantageous pesticidal properties, and are especially suitable for controlling parasites on warm-blooded animals, were prepared and formulated. E.g., a 3-step synthesis of 11 (starting from 5-nitroindazole and chloroacetone), was given. The compds. 1 were tested in-vivo on *Trichostrongylus colubriformis* and *Haemonchus contortus* on Mongolian gerbils. In this test, a vast reduction in nematode infestation is achieved with compds. 1 (no data for representative compds. 1).

RE CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 4 OF 9 CAPLUS COPYRIGHT 2008 ACS ON STN (Continued)

AB The invention relates to compds. 1 [in which R1 = H, alkyl, haloalkyl, cyanoalkyl, alkoxyethyl, or benzyl; R2, R3, R4, R5, R6 = H, halo, unsubstituted or mono- or polyhalogenated alk(en)ynyl, (un)substituted alkoxy, haloalkoxy, cycloalkyl, or phenyl; or R2R3 = C2-6 alkylene; R7 = (un)substituted cycloalkoxy, cycloalkylthio, or [cycloalkyl](R9)N, in which the substituents are halo, alkyl, hetaryl, or hetarylthio; R8 = halo, NO2, cyano, (halo)alk(en)yl, (halo)alkoxy, alkyl, cycloalkyl, alkenyloxy, haloalkenyloxy, alkylthio, haloalkylthio, alkylsulfonyloxy, haloalkylsulfonyloxy, alkylsulfinyl, haloalkylsulfinyl, alkylsulfonyl, haloalkylsulfonyl, alkenylthio, haloalkenylthio, (un)substituted Ph, PhO, PhNH, PhCO, PhCH(OH), etc.; or R7R8 = C3-5 alkylene; Ar = (un)substituted Ph, hetaryl, naphthyl, or quinolyl] (substituents as given for R7, R8); R9 = H, alkyl, haloalkyl, allyl, alkoxyethyl, or COR10; R10 = alkyl, haloalkyl, or alkoxyethyl; W = O, S, SO2, or N(R11); R11 = H or alkyl; p = 1, 2, 3, or 4; q = 0, 1, 2, 3, or 4; and n = 0-2; in which, if R7 = hetarylthio, the hetaryl group in R7 is other than pyridyl; including enantiomers]. Compds. 1 have advantageous pesticidal properties, and are particularly suitable for controlling parasites in warm-blooded animals. A list of 120 possible specific compds. 1 is given, and one of these (11) is prepared and claimed per se. Claims include pharmaceutical and agrochem. compds., as well as use of 1 to control parasites. Thus, 11 was prepared in 6 steps: (1) Pd-catalyzed amination of 2-bromo-4,5-difluoroanisole with cyclopropylamine; (2) N-methylation of the secondary amine product using NaH and MeI in DMF; (3) demethylation of the anisole methoxy group using BBr3; (4) etherification of the resultant phenol with chloroacetone using K2CO3 and KI; (5) amination of the ketone with NaCN and NH4Cl in aqueous NH3; and (6) amidation of the amino group with 4-(CF3O)C6H4COCl and DMAP in CH2Cl2. 11 was active against the nematodes *Trichostrongylus colubriformis* and *Haemonchus contortus* in Mongolian gerbils, by peroral administration at doses in the range of 0.01 to 100 mg/kg. Tests for action against various ecto- and endo-parasitic insects and acarids, namely *Lucilia sericata*, *Boophilus microplus*, *Amblyomma hebraeum*, *Dermanyssus gallinae*, and *Musca domestica*, are described. Preferred formulations include granules, tablets, boluses, injectables, and pour-ons.

RE CNT 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT



L8 ANSWER 5 OF 9 CAPLUS COPYRIGHT 2008 ACS ON STN
 AN 2002:454279 CAPLUS
 DN 139:36345
 TI Preparation of aminocetonitriles for controlling parasites
 IN Ducray, Pierre; Gombel, Thomas
 PA Novartis Ag, Switz.: Novartis Pharma GmbH
 SO PCT Int. Appl., 56 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2003048112	A1	20030612	WO 2002-EP13811	20021205
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LT, LU, LV, MA, MD, ME, MN, MX, NO, NZ, OM, PH, PL, PT, RO, RU, SE, SG, SK, SJ, TM, TN, TR, TT, UA, US, UZ, VC, VN, YU, ZA, ZW				
RW: AM, AZ, BY, BG, KZ, MD, RU, TJ, TM, AT, BE, BO, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR				
TW 261053	B	20060901	TW 2002-91135142	20021204
CA 2466570	A1	20030612	CA 2002-2466570	20021205
AU 2002358620	A1	20030617	AU 2002-358620	20021205
BR 2002014703	A	20040831	BR 2002-14703	20021205
EP 1456170	A1	20040915	EP 2002-792909	20021205
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK				
CN 1599716	A	20050323	CN 2002-824167	20021205
JP 2005511685	T	20050428	JP 2003-549304	20021205
RU 2293725	C2	20070220	RU 2004-120790	20021205
ZA 2004003577	A	20060628	ZA 2004-3577	20040511
US 2005033081	A1	20050210	US 2004-496620	20040525
US 7091371	R2	20060815		
IN 2004CN01230	A	20060210	IN 2004-CN1230	20040603
MX 2004PA05455	A	20050419	MX 2004-PA5455	20040604
US 2006264653	A1	20061123	US 2006-452857	20060614
PRAI CH 2001-2225	A	20011206		
WO 2002-EP13811	W	20021205		
US 2004-496620	A3	20040525		

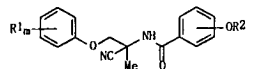
OS MARPAT 139:36345
 AB The title compds. Ar1CONRIC (CN) (R2)Ar2 [1: Ar1, Ar2 = (un)substituted Ph, phenylamino, phenylcarbonyl, etc.; R1 = H, alkyl, haloalkyl, allyl, alkoxyalkyl; R2 = H, halo, alkyl, haloalkyl, etc.; X = (un)substituted CH2CH2, CH(CH3) which have advantageous pesticidal properties, and are particularly suitable for controlling parasites in warm-blooded animals, were prepared E.g., a multi-step synthesis of N-[1-cyano-1-methyl-3-(2-trifluoromethylphenyl)propyl]-4-trifluoromethoxybenzamide (no data for intermediates except final product), was given. The compds. 1 showed a large decrease in the nematode infestation in vivo test against Trichostrongylus colubriformis and Haemonchus contortus in Mongolian gerbils by peroral administration.

RE CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 6 OF 9 CAPLUS COPYRIGHT 2008 ACS ON STN
 AN 2002:977572 CAPLUS
 DN 138:33311
 TI Aminocetonitrile derivatives as endoparasitocides
 IN Ducray, Pierre
 PA Novartis A.-G., Switz.: Novartis-Erfindungen Verwaltungsgesellschaft m.b.H.
 SO PCT Int. Appl., 31 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2002102155	A1	20021227	WO 2002-EP6589	20020614
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LT, LU, LV, MA, MD, ME, MN, MX, NO, NZ, OM, PH, PL, PT, RO, RU, SE, SG, SI, SK, SJ, TM, TN, TR, TT, UA, US, UZ, VN, YU, ZA, ZW				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR				
TW 236341	B	20050721	TW 2002-91112863	20020613
CA 2449854	A1	20021227	CA 2002-2449854	20020614
AU 2002345043	A1	20030102	AU 2002-345043	20020614
EP 1401277	A1	20040331	EP 2002-743206	20020614
EP 1401277	B1	20070627		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
BR 2002010926	A	20040608	BR 2002-10926	20020614
CN 1529552	A	20040915	CN 2002-814212	20020614
JP 2004530711	T	20041007	JP 2003-504752	20020614
NZ 530120	A	20050930	NZ 2002-530120	20020614
RU 2294640	C2	20070310	RU 2003-137564	20020614
AT 365455	T	20070715	AT 2002-743200	20020614
ES 2287289	T3	20071216	ES 2002-2743200	20020614
ZA 2005096672	A	20040804	ZA 2005-5672	20031212
MX 2003PA11630	A	20040405	MX 2003-PA11630	20031215
IN 2003CN01997	A	20060106	IN 2003-CN1997	20031215
US 2004209950	A1	20041021	US 2004-480510	20040601
PRAI CH 2001-1085	A	20010615		
WO 2002-EP6589	W	20020614		
OS MARPAT 138:33311				

GI
 AB The aminocetonitrile derivs. 1 [R1 = (halo)alkyl, (halo)alkoxy, halo; R2 = haloalkyl; n = 1, 2 or 3] control endoparasites, especially helminths, in warm-blooded productive livestock and domestic animals.
 RE CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT



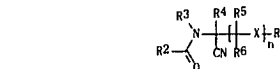
L8 ANSWER 7 OF 9 CAPLUS COPYRIGHT 2008 ACS ON STN
 AN 2002:594606 CAPLUS
 DN 137:135058
 TI Pharmaceutical composition containing aminocetonitrile compounds for control of endoparasitic pests in animals
 IN Ducray, Pierre; Bouvier, Jacques
 PA Novartis Ag, Switz.: Novartis-Erfindungen Verwaltungsgesellschaft M.B.H.
 SO PCT Int. Appl., 36 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2002060257	A1	20020808	WO 2002-EP568	20020121
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LT, LU, LV, MA, MD, ME, MN, MX, NO, NZ, OM, PH, PL, PT, RO, RU, SE, SG, SI, SK, SJ, TM, TN, TR, TT, UA, US, UZ, VN, YU, ZA, ZW				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR				
CA 2429493	A1	20020808	CA 2002-2429493	20020121
AU 2002250841	A1	20020812	AU 2002-250841	20020121
EP 1367891	A1	20031210	EP 2002-719711	20020121
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
BR 200206576	A	20031216	BR 2002-6576	20020121
JP 2004524299	T	20040812	JP 2002-560463	20020121
NZ 525874	A	20050930	NZ 2002-525874	20020121
RU 2282357	C2	20060827	RU 2003-124076	20020121
ZA 2003004017	A	20040709	ZA 2003-4017	20030523
US 2004044074	A1	20040304	US 2003-466824	20030721
US 7052707	B2	20060530		
IN 2003CN01117	A	20050422	IN 2003-CN1117	20030721
MX 2003PA06526	A	20030922	MX 2003-PA6526	20030722
US 2004063766	A1	20040401	US 2003-677972	20031002
US 7063856	B2	20060620		
PRAI CH 2001-97	A	20010122		
WO 2002-EP568	W	20020121		
US 2003-466824	A3	20030721		

OS MARPAT 137:135058
 AB Aminocetonitrile compds. (Ar1) (R1) (R2)CC(=O)N(R3)C(R4) (CN)CH(R5) (OAr2) (Markush included) are used to control of endoparasites, especially helminths, in warm-blooded productive livestock and domestic animals.
 RE CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 8 OF 9 CAPLUS COPYRIGHT 2008 ACS ON STN
 AN 2002:487545 CAPLUS
 DN 137:63070
 TI Preparation of N-acyl aminocetonitriles having pesticidal properties
 IN Ducray, Pierre; Steiger, Arthur; Bouvier, Jacques; Zambach, Werner
 PA Syngenta Participations Ag, Switz.
 SO PCT Int. Appl., 55 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2002050052	A1	20020627	WO 2001-EP14922	20011218
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LV, MA, MD, ME, MN, MX, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GR, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, CA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2002024942	A5	20020701	AU 2002-24942	20011218
PRAI CH 2000-2490	A	20001220		
WO 2001-EP14922	W	20011218		
OS MARPAT 137:63070				



II
 AB The title compds. [1: R1 = (un)substituted aryl, heteroaryl; R2 = alkyl, haloalkyl; R3 = H, alkyl, haloalkyl; R4-R6 = H, halo, alkyl, haloalkyl; R7 = halo, alkyl, haloalkoxy; X = O, S, SO, SO2; n = 0-1] which have advantageous pesticidal properties and are suitable for the control of parasites in warm-blooded organisms and of plant pests, were prepared. Thus, amidation of 2-amino-3-(2,3-dichlorophenyl)-2-methylpropionitrile with 4-chlorophenoxyacetic acid afforded the aminocetonitrile II.
 Compds. 1 exhibit good activity against Heliothis virescens, Plutella xylostella and Diabrotica balteata.
 RE CNT 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

LB ANSWER 9 OF 9 CAPLUS COPYRIGHT 2008 ACS: on STN
 AN 2002:487395 CAPLUS
 DN 137:52407
 TI Aminoacetonitrile compounds and their formulations as
 parasiticides
 IN Ducray, Pierre; Bouvier, Jacques
 PA Novartis Ag, Switz.: Novartis-Erfindungen/Verwaltungsgesellschaft m.b.H.:
 Novartis Pharma GmbH
 SO PCT Int. Appl., 38 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAX CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
P1 WO 2002049641	A2	20020627	WO 2001-EPI4926	20011218
WO 2002049641	A3	20031204		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LT, LU, LV, MA, MD, ME, MN, MX, NO, NZ, OM, PH, PL, PT, RO, RU, SE, SG, SI, SK, TJ, TM, TN, TR, TT, UA, US, UZ, VN, YU, ZA, ZW				
RW: AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR				
CA 2432388	A1	20020627	CA 2001-2432388	20011218
AU 200234588	A	20020701	AU 2002-34588	20011218
EP 1392281	A2	20040303	EP 2001-985421	20011218
EP 1392281	B1	20070221		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
BR 2001016326	A	20040706	BR 2001-16326	20011218
JP 2004521097	T	20040715	JP 2002-550981	20011218
CN 1531426	A	20040922	CN 2001-821015	20011218
NZ 526538	A	20051223	NZ 2001-526538	20011218
RU 2286775	C2	20061110	RU 2003-122196	20011218
AT 354360	T	20070315	AT 2001-985421	20011218
ES 2281453	T3	20071001	ES 2001-1985421	20011218
ZA 2003004331	A	20040428	ZA 2003-4331	20030603
US 2004082624	A1	20040429	US 2003-433811	20030606
MX 2003PA05701	A	20031006	MX 2003-PA5701	20030620
PRA1 CH 2000-2489	A	20001220		
WO 2001-EPI4926	W	20011218		

OS MARPAT 137:52407
 AB The invention relates to the use of aminoacetonitrile compds. in the control of endoparasites, especially helminths, in warm-blooded productive livestock and domestic animals. Delivery systems for these parasiticides are described, such as granules that can be mixed with animal feed. For example, a dust-free coated granules were prepared by mixing an aminoacetonitrile active ingredient 3%, polyethylene glycol 3%, and kaolin 94%.

10/518,210

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COST IN U. S. DOLLARS

SINCE FILE

ENTRY

TOTAL

SESSION

FULL ESTIMATED COST

197. 04

375. 61

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

ENTRY

TOTAL

SESSION

CA SUBSCRIBER PRICE

-30. 40

-30. 40

SESSION WILL BE HELD FOR 120 MINUTES

STN INTERNATIONAL SESSION SUSPENDED AT 12:50:16 ON 26 JAN 2008